

Transformational Acquisition of Yalgoo Gold Project, WA

Advanced project includes JORC 1999 Resources¹, numerous advanced prospects and significant exploration upside through extensive coverage of a long-forgotten goldfield

Key Points:

- **Landmark agreement to acquire the Yalgoo Gold Project, located in the Murchison region of Western Australia, from private company Aurum Minerals Pty Ltd. The acquisition includes:**
 - **The advanced Melville deposit, which hosts a shallow 140,000oz (JORC 1999) Mineral Resource¹ (0.8g/t cut-off), from surface and remains open in all directions;**
 - **Additional satellite gold prospects, including further JORC 1999 gold Resources¹ of ~13,500oz (0.5g/t cut-off) and numerous shallow advanced exploration prospects; and**
 - **A 600km² contiguous exploration package providing regional-scale coverage of the historical Yalgoo goldfield and wider, under-explored Yalgoo-Singleton greenstone belt.**
- **Located in a Tier-1 mining district, between Ramelius Resources' (ASX: RMS) 6Moz Mt Magnet gold mine and Silver Lake Resources' (ASX: SLR) Deflector copper-gold mine (2.2Mt @ 0.6% Cu + 0.8Moz @ 11.4g/t Au).**
- **Situated 80km direct trucking distance from Gascoyne Resources' (ASX: GCY) Dalgaranga gold mine (0.8Moz @ 0.9g/t Au) and operating 2.5-3.0Mtpa gold mill.**
- **Firefly has already identified numerous targets in close proximity to the existing Melville Resource as well as further afield, providing the foundation for a new regional development hub.**
- **Acquisition cost of A\$2.91M, payable entirely in Firefly shares.**
- **Firefly to raise up to ~A\$2.3M to underpin upcoming exploration programs at Yalgoo, with the capital raise consisting of:**
 - **A strategic investment by Aurum Minerals Pty Ltd (the Vendor) in Firefly through a \$1.15M share subscription; and**
 - **Firefly to undertake a Share Placement and Non-Renounceable Entitlements Offer to raise up to a further \$1.17M.**
- **Maiden exploration program at the Yalgoo Gold Project expected to commence as soon as permitting allows, with ~5,000m of RC drilling, ~3,000m of auger drilling and a ground-based Sub-Audio Magnetic (SAM) geophysical survey planned for CY2020.**

¹ The Company cautions that the Mineral Resources are not reported in accordance with the JORC Code 2012. A Competent Person has not yet done sufficient work to classify the estimates of Mineral Resources in accordance with the JORC Code 2012. It is possible that following evaluation and/or further exploration work the currently reported estimates contained in this Announcement, may materially change and hence will need to be reported afresh under and in accordance with the JORC Code 2012. Firefly Resources notes that nothing has come to its attention that causes it to question the accuracy or reliability of the former owner's estimate as first announced by Prosperity Resources (ASX:PSP) – ASX release dated 12th May 2004 "Prosperity Doubles Resources to 140,000 ounces at Yalgoo, WA" on the Melville Deposit and also with regards to the Satellite Deposits, however The Company has not independently validated the former owner's estimates and therefore cannot be regarded as reporting, adopting or endorsing those estimates. **For further information please see Annexure A and B.**

Firefly Resources Ltd (**ASX: FFR; Firefly or the Company**) is pleased to announce that it has executed a binding agreement to acquire a 100% interest in the advanced **Yalgoo Gold Project**, located 110km west of Mt Magnet in the Murchison region of Western Australia, through the acquisition of 100% of the issued capital of Aurum Minerals Pty Ltd (**Aurum**). The transformational acquisition includes existing gold Resources plus a large, highly prospective tenement holding in a Tier-1 mining district encompassing the historical Yalgoo gold field (see Figure 1).

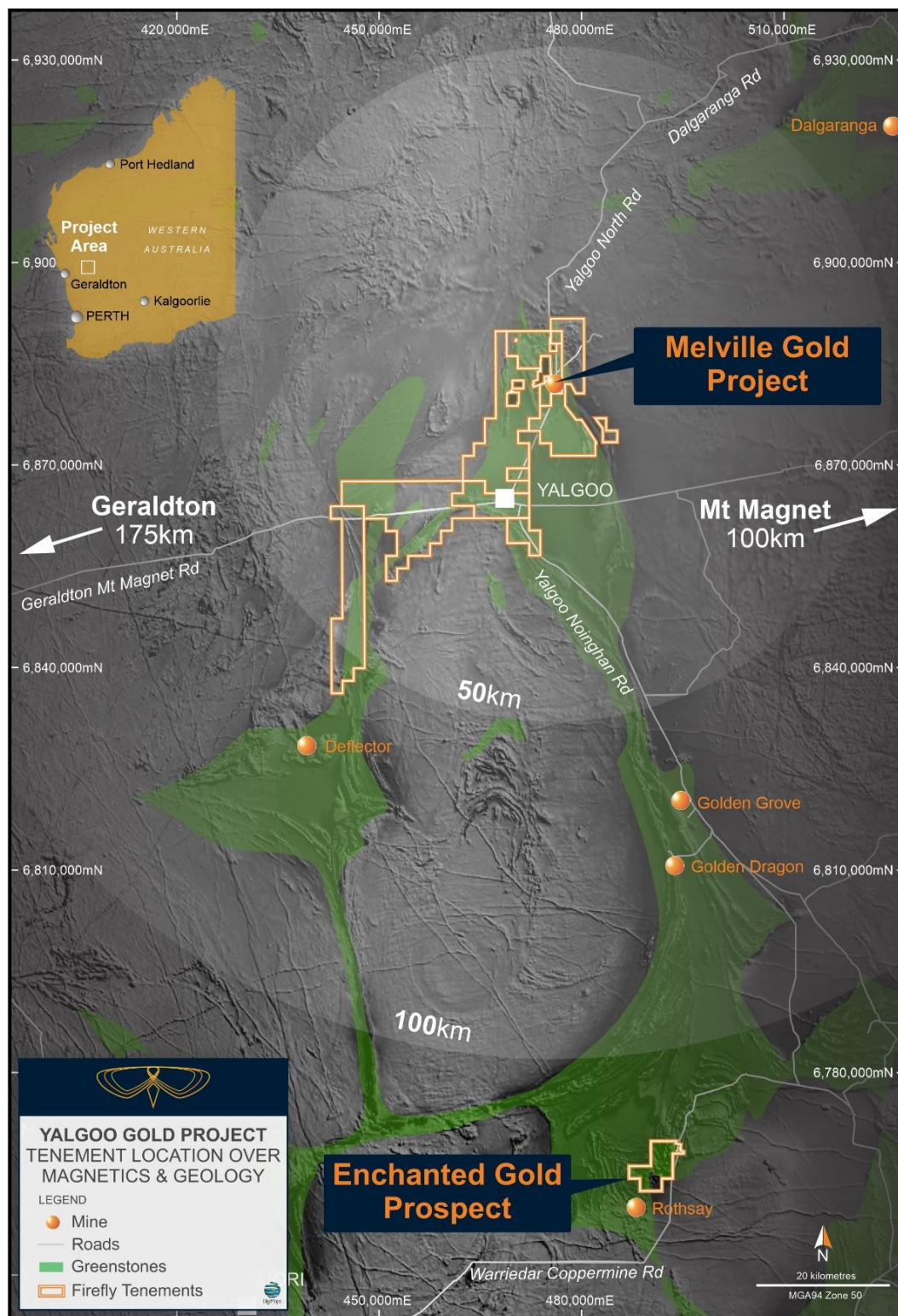


Figure 1. Yalgoo Gold Project location and tenure highlighting extensive regional greenstone coverage.

The acquisition, which is consistent with the Company's focus on securing advanced gold exploration opportunities in Western Australia, will allow Firefly to pursue a two-pronged growth strategy based on:

1. The potential to **rapidly establish maiden JORC 2012 compliant Mineral Resources** in a world-class mining district, with exceptional "near-mine" exploration upside and development potential **within 150km of five operating gold mills**; and
2. A **regional-scale, multi-faceted exploration and growth strategy** across an historical gold-field within a large, highly-prospective, contiguous and under-explored tenement holding.

The Yalgoo Gold Project includes the advanced Melville gold deposit, which hosts a JORC 2004 Mineral Resource of **2.75Mt grading 1.57g/t Au for 140,000 ounces of contained gold (0.8g/t cut-off)¹ (Melville Deposit)**. Mineralisation within the Melville Deposit is hosted within a completely unmined steeply-dipping "stacked-lode" system, with both laterite at surface and broad, shallow supergene-enriched zones supporting its amenability to potential open pit mining.

In addition, while very limited drilling has been conducted below 100-150m from surface, the presence of shallow-plunging high-grade ore shoots and an apparent increase in gold grades with increasing depth indicates strong potential to upgrade the resource at depth as well as potential for future underground mining at the Melville deposit.

The Company cautions that the Melville Deposit is not reported in accordance with the JORC Code 2012. A Competent Person has not yet done sufficient work to classify the estimates of Mineral Resources in accordance with the JORC Code 2012. It is possible that following evaluation and/or further exploration work the currently reported estimates contained in this Announcement, may materially change and hence will need to be reported afresh under and in accordance with the JORC Code 2012.

The Company notes that nothing has come to its attention that causes it to question the accuracy or reliability of the former owner's estimate, as first announced by Prosperity Resources Ltd (ASX: PSP) – ASX release dated 12th May 2004: "Prosperity Doubles Resources to 140,000 ounces at Yalgoo, WA". The Company has not independently validated the former owner's estimates and therefore cannot be regarded as reporting, adopting or endorsing those estimates, at this stage. For further information please see **Annexure A and B** of this Announcement.

Melville Gold Deposit

The Melville deposit sits within 800m of known strike, with mineralisation remaining open in all directions. No meaningful drilling has been conducted at the deposit since 2005, and with recent advances in geophysical, geochemical, sampling and assaying methods there is significant scope to further explore and potentially expand the deposit using systematic, modern exploration techniques.

Significant intercepts* (cut-off grade greater than 1.00g/t) from historical drilling within the Melville Deposit include:

- **NMR011 – 6m @ 3.81g/t from 36m, including 3m @ 6.60g/t from 36m (hole ends in mineralisation)**
- **PRC012 – 5m @ 24.35g/t from 42m, including 1m @ 116.00g/t from 42m**
- **PRC011 – 7m @ 24.49g/t from 93m, including 3m @ 50.00g/t from 94m (hole ends in mineralisation)**

*The drill-hole assay results, as well as other drill-hole information relevant to those referred to here, were previously referred to and/or released by Prosperity Resources Ltd (ASX:PSP) in their announcements dated 08/10/03, 09/12/03, 24/12/03, 12/05/04 and 26/08/04 among others and are reported in full as set out in **Annexure C** of this Announcement. The JORC Table 1 information in respect of the exploration results reported above is set out in **Annexure E** of this Announcement.

Subsequent historical drilling, not included in the current resource estimate and both within and along-strike from the Melville Deposit mineralisation envelope, represents immediate and additional potential in the planned re-evaluation and update of the Melville resource to the JORC 2012-compliant reporting standard (see Figure 2).

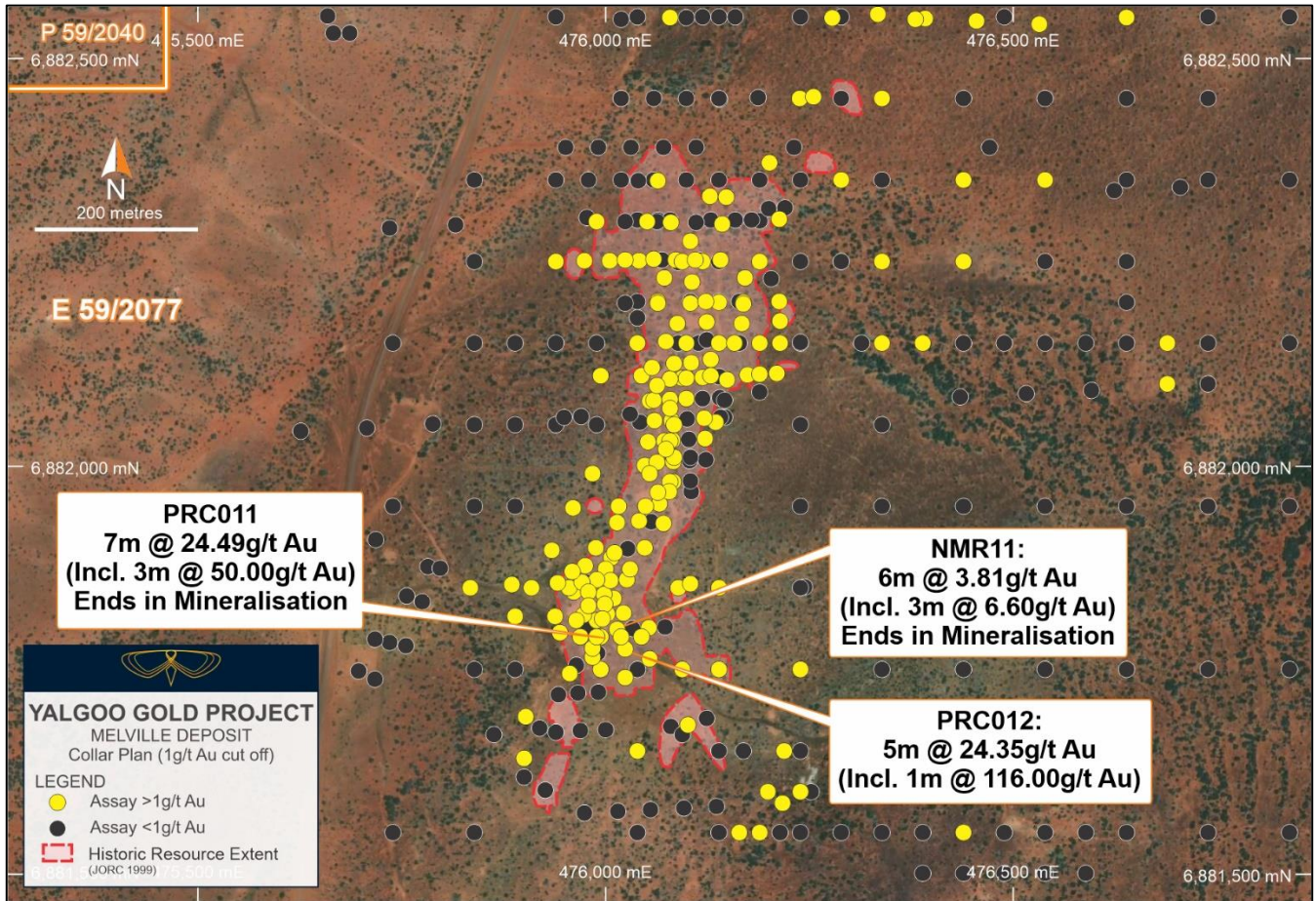


Figure 2. Plan view of Melville Gold Deposit showing historic resource extent (steeply dipping west and above 0.2g/t), selected significant intercepts and all drill collars coloured by max downhole grade using a 1g/t Au cut/off.

Numerous additional targets have also been identified close to the Melville Deposit, offering a suite of immediate high-priority targets. These include the high-grade Don Bradman gold prospect, the Lady Lydia South and Brilliant gold trend, which host a combined 13,500oz in resources (JORC 1999), as well as the advanced Prince George gold prospect centred on historical underground workings.

Firefly intends to upgrade the Melville Deposit and other suitable deposits to JORC 2012 compliance as a matter of priority through small in-fill drilling programs, with follow-up resource increases targeted through step-out and deeper (>100m) drill campaigns.

Detailed below are several significant intercepts (select intercepts with a cut-off grade greater than 1.00g/t) from the main satellite gold prospects. The significant intercepts were selected as indicative examples of each prospect from the broader historical sample database compiled from various previous owners/explorers. An abundance of historical gold workings, including numerous shafts from the early part of last century also represent additional "walk-up" drill targets.

Significant intercepts* (cut-off grade greater than 1.00g/t) from historical drilling at the **Don Bradman gold prospect** include:

- **RC85/04 – 3m @ 12.70g/t from 21m**
- **PRC104 – 9m @ 2.66g/t from 28m, including 3m @ 7.11g/t from 30m**

Significant intercepts* (cut-off grade greater than 1.00g/t) from historical drilling at the **Brilliant gold prospect** include:

- **NB012 – 8m @ 5.19g/t from 37m, including 1m @ 15.25g/t from 15m, and 1m @ 10.20g/t from 41m**
- **NB029 – 7m @ 2.68g/t from 55m, including 4m @ 4.36g/t from 59m**

Significant intercepts* (cut-off grade greater than 1.00g/t) from historical drilling at the **Lady Lydia South gold prospect** include:

- **NLS004 – 6m @ 5.16g/t from 15m, including 3m @ 8.29g/t from 18m (hole ends in mineralisation)**
- **PRC026 – 6m @ 1.25g/t from 44m, including 1m @ 4.27g/t from 48m**

Significant intercepts* (cut-off grade greater than 1.00g/t) from historical drilling at the **Prince George gold prospect** include:

- **RRC24 – 8m @ 5.12g/t from 15m, including 2m @ 15.75g/t from 20m**
- **YPRC35 – 7m @ 8.23g/t from 23m, including 1m @ 35.70g/t from 23m, and 1m @ 14.00g/t from 29m**

*The drill-hole assay results, as well as other drill-hole information relevant to those referred to here, were previously referred to and/or released by Prosperity Resources Ltd (ASX:PSP) in their announcements dated 08/10/03, 09/12/03, 24/12/03, 12/05/04 and 26/08/04 among others and are reported in full as set out in **Annexure C** of this Announcement. The JORC Table 1 information in respect of the exploration results reported above is set out in **Annexure E** of this Announcement.

The Melville tenement package also includes 600km² of highly prospective tenure covering the majority of the historical Yalgoo goldfield, as well as significant coverage of the wider potential of the regional-scale Yalgoo-Singleton greenstone belt.

During technical review of the project, Firefly has defined a 1km-wide north-south 28km-long shear zone corridor in which the majority of the existing gold occurrences at the Yalgoo Gold Project are situated. The extent of the corridor is most evident where the gold occurrences are overlaid on the 1st vertical derivative (1VD) magnetic geophysical images, highlighting the underlying stratigraphy due to the excellent contrast in magnetic BIF horizons to less magnetic mafic packages.

Firefly is acquiring more than 90% of the extent of this high-potential corridor covering most of the existing gold prospects and historical workings through this transaction (see Figure 3).

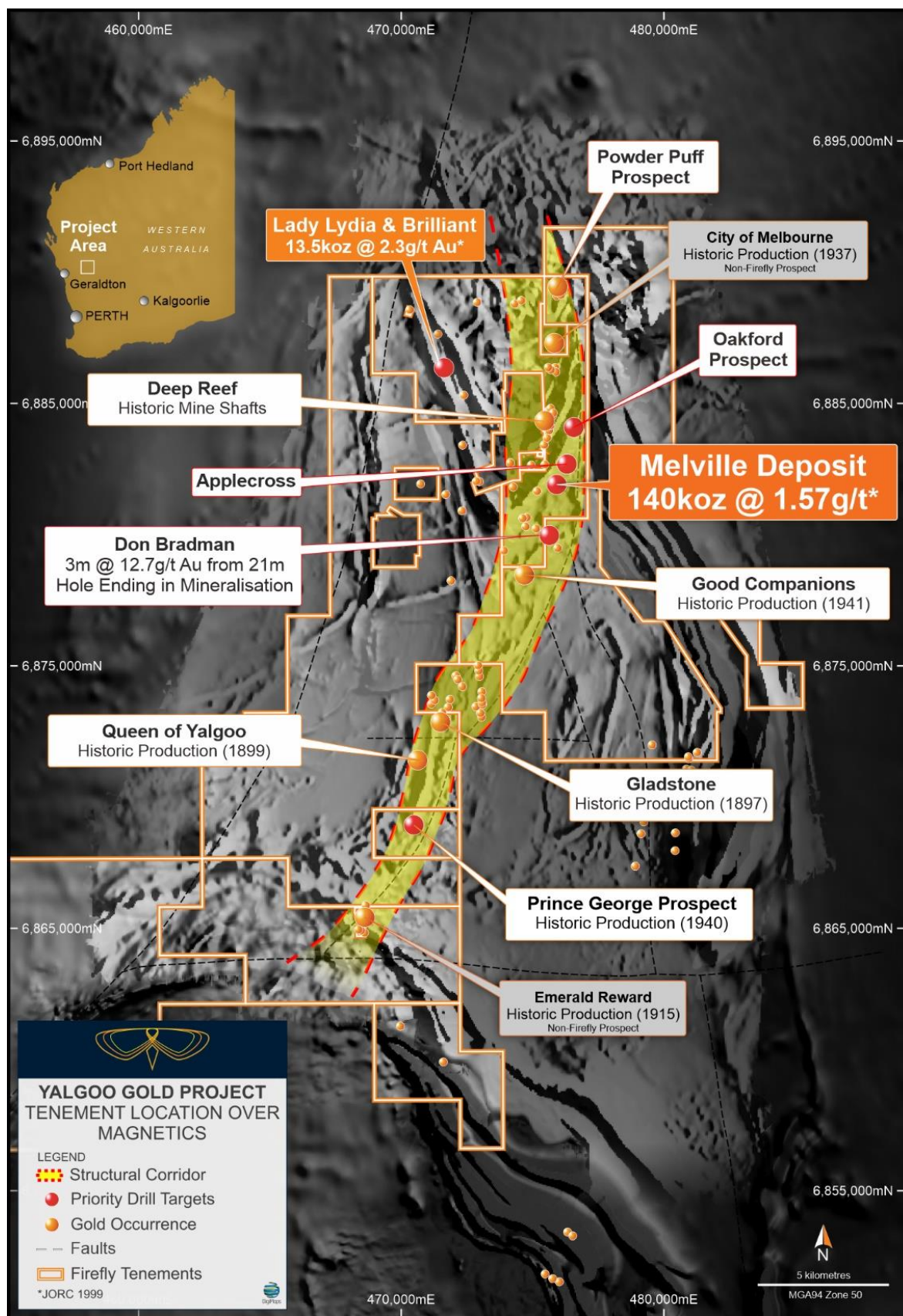


Figure 3. Yalgoo Gold Project tenure overlaid on 1VD magnetics illustrating ~28km shear corridor (yellow) over historic Yalgoo goldfield.

The advanced gold Resources, extensive ground coverage and presence of existing nearby infrastructure offers Firefly significant flexibility and a range of commercial opportunities with gold prices at near record levels.

In addition to the Melville Project tenements, the acquisition also includes the un-mined Enchanted Gold Prospect, located 100km south of Melville (see Figure 1).

Enchanted comprises a 33km² tenement over the same highly-prospective Yalgoo-Singleton greenstone belt geology that hosts the nearby 400koz Rothsay Gold Project. Rothsay (under development) was acquired by Silver Lake Resources (ASX: SLR) in December 2019 from Egan Street Resources for \$100 million and sits just 2.5km from the shallow Enchanted Gold Project. Firefly considers the Enchanted Gold Project to be a potential early-stage analogue to the Rothsay deposit due to similarities in lithological setting, mineralisation style and geometry and requires further drill testing.

Significant intercepts* (cut-off grade greater than 1.00g/t) from historical drilling at the Enchanted Gold Project include:

- **ENR002 – 11m @ 3.74g/t from 44m, including 2m @ 17.87g/t from 45m**
- **ENR005 – 5m @ 1.92g/t from 44m, including 3m @ 2.97g/t from 45m**
- **ENRC011 – 10m @ 1.81g/t from 27m, including 1m @ 9.49g/t from 31m**

For a full list of the tenements being acquired by Firefly Resources in this transaction please refer to **Annexure D**.

*The drill-hole assay results for the Enchanted Gold Prospect, as well as other drill-hole information relevant to those referred to here, are reported in full as set out in **Annexure C** of this Announcement. The JORC Table 1 information in respect of the exploration results reported above is set out in **Annexure E** of this Announcement.

Competent Persons Statement

The information in this announcement that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information reviewed, collated and compiled by Mr Simon Lawson, a full-time employee and the Managing Director of Firefly Resources Ltd. Mr Lawson is a professional geoscientist and Member of The Australian Institute of Mining and Metallurgy and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which has been undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources, and Ore Reserves. Mr Lawson consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

The information in this announcement that relates to historic mineral resource estimates at the Melville, Lady Lydia South and Brilliant gold prospects was first reported under the JORC Code 1999 and is provided pursuant to ASX Listing Rule 5.12.2 to 5.12.7 (refer Appendix 2C). The information has been compiled and reviewed by Mr Lawson who confirms the information is an accurate representation of the available data and studies for the Melville, Lady Lydia South and Brilliant gold prospects.

Acquisition of Yalgoo Gold Project

The Yalgoo Gold Project is being acquired from a private company, Aurum Minerals Pty Ltd (**Aurum** or **Vendor**), from the shareholders of Aurum (**Aurum Shareholders**) with the acquisition entirely funded through the issue of Firefly shares and performance rights.

Exclusivity shares

In part consideration for the exclusivity granted to Firefly in respect of the Tenements, Firefly advises that it will issue 833,333 shares at 3.0 cents per share to the Vendor in accordance with the terms of the binding agreement (**Exclusivity Shares**). The Exclusivity Shares will be issued under Firefly's 15% placement capacity under ASX Listing Rule 7.1 and will be allotted in the coming days.

Acquisition terms

The consideration payable by Firefly for the Yalgoo Gold Project comprises:

- The issue of \$2.91 million of shares (97,000,000 Firefly shares at 3.0 cents per share) pro-rata to the Aurum Shareholders to complete the project acquisition.
- The issue of up to \$0.69 million of Performance Rights (22,999,998 Performance Rights at 3.0 cents per performance right) to be split into three equal and separate tranches that will vest upon completion of the following milestones over a five-year period:
 1. Aggregate Resource increase of greater than 100,000oz of gold Mineral Resources;
 2. Aggregate Resource increase of greater than 200,000oz of gold Mineral Resources; and
 3. Mining greater than 50,000 tonnes @ 1.0g/t gold from below 12m from natural surface.

Aurum are also granted an NSR royalty of up to but not exceeding 1.25% across all concessions (based on various existing royalties, none of which currently exceed 1.0%).

In addition, the completion of the acquisition will be subject to conditions precedent, including:

- Firefly obtaining all necessary shareholder approvals;
- the parties receiving all regulatory approvals or consents and/or complying with all requirements imposed by any regulatory body (including any governmental agency and ASX) and approvals; and
- other conditions customary for a transaction of this nature.

Entitlement Offer and Share Placements

Firefly intends to undertake a non-renounceable entitlement offer which will offer eligible shareholders the opportunity to subscribe for three (3) new Shares for every seven (7) Shares held at an issue price of 3.0 cents per Share to raise a further \$1.0 million (before costs) (**Entitlement Offer**). Funds raised under the Entitlement Offer are intended to be used as follows:

- to support the Company's planned exploration programs at Yalgoo;
- to progress the next phase of gold-focused exploration activities at the Forresteria Gold Project and other strategies for the Paterson Gold-Copper Project; and
- general working capital and transaction costs.

As part of the acquisition agreement, Aurum has also agreed to make a strategic investment in Firefly through a \$1.15 million share subscription, comprising the issue of 38,333,334 Firefly shares at 3.0 cents per share (**Vendor Placement**).

In addition to the Entitlement Offer, Firefly will also undertake a separate share placement to existing and new sophisticated and professional investors comprising the issue of 5,000,000 Firefly shares at 3.0 cents per share to raise \$150,000 (**Additional Placement**).

The completion of the Vendor Placement and Additional Placement will be subject to the receipt of prior shareholder approval. A notice of meeting containing further details of the acquisition and each placement will be circulated to shareholders in due course.

The Entitlement Offer is expected to be open from Tuesday, 7 July 2020 and close on Monday, 3 August 2020, with Argonaut to act as Underwriter of the Entitlement Offer and Lead Manager of the Additional Placement. Completion of the Entitlement Offer will be subject to, amongst other things, the acquisition of Yalgoo completing. Further information on the Entitlement Offer will be provided in a separate ASX announcement and full details of the offer will be set out in a prospectus, to be lodged with ASX and mailed to eligible shareholders in due course.

Indicative Timetable and Capital Structure

The following indicative timetable sets out expected dates for the acquisition, Entitlement Offer and Share Placements.

Event	Date
Lodgement of prospectus with ASIC Lodgement of prospectus, announcement of Entitlement Offer and lodgement of amendment Appendix 3B with and ASX (pre-market open)	Monday, 29 June 2020
Notice of General Meeting despatched to shareholders and lodged with ASX	Tuesday, 30 June 2020
"Ex" Date	Wednesday, 1 July 2020
Record date to determine entitlements	Thursday, 2 July 2020
Prospectus and Entitlement and Acceptance Forms dispatched to shareholders, and announcement that this has occurred Offer opens	Thursday, 7 July 2020
Last date to extend the Entitlement Offer	Wednesday, 29 July 2020
Anticipated date for the General Meeting	Thursday, 30 July 2020
Anticipated date for the completion of the Yalgoo Gold Project acquisition – issue of Consideration Shares, Performance Rights and Placement Shares Lodgement of Appendix 2A	Friday, 31 July 2020
Closing date for all acceptances*	Monday, 3 August 2020
Shares quoted on a deferred settlement basis	Tuesday, 4 August 2020
Announcement of results of Entitlement Offer	Wednesday, 5 August 2020

Issue date for new shares issued under the Entitlement Offer, deferred settlement trading ends Lodgement of Appendix 2A	Friday, 7 August 2020
Normal Trading of new shares on ASX commences	Monday, 10 August 2020

**The Directors may extend the Closing Date by giving at least 3 Business Days' notice to ASX prior to the Closing Date. As such, the date the new shares are expected to commence trading on ASX may vary. The Directors also reserve the right not to proceed with the Entitlement Offer (or any part of it) at any time prior to allotment. In that event, any application monies received will be returned without interest. The Company reserves the right to amend any of the important dates without prior notice subject to the Corporations Act 2001 (Cth) and the ASX Listing Rules.*

The anticipated effect of the acquisition, together with the Entitlement Offer and the Share Placements, on Firefly's issued shares is detailed below:

Element	Number of Shares	%
Firefly shares currently in issue	79,944,854	31.3%
Exclusivity Shares to Vendor	833,333	0.3%
Entitlement Offer	34,262,080	13.4%
Vendor Placement	38,333,334	15.0%
Additional Placement	5,000,000	2.0%
Consideration Shares to Vendor	97,000,000	38.0%
Total	255,373,601	100%

The above is indicative only and may be subject to change.

Management Comment

Managing Director of Firefly Resources, Simon Lawson, said the acquisition of the Yalgoo Gold Project marked the start of an exciting new chapter for the Company.

"Over the past twelve months the Firefly Board has been focused on optimising our asset portfolio and strengthening our exposure to gold in Western Australia. After conducting a lengthy and considered process reviewing a number of gold assets we are delighted to have secured the Yalgoo Gold Project, which represents an advanced, high-quality gold project encompassing a long-forgotten goldfield with existing ounces and outstanding growth potential. The Yalgoo Gold Project joins our earlier stage Forrestania Gold Project and Paterson Copper-Gold Project as a key part of our strategy to deliver gold ounces and scale potential to our shareholders."

"The cornerstone asset within the Yalgoo Gold Project is the centrally-located Melville gold deposit. Melville hosts an existing historical resource over a completely un-mined gold deposit that we intend to rapidly upgrade to JORC 2012 compliance. Our immediate focus is on a number of existing high-grade intercepts both inside and outside the historical Melville resource, as well as down-dip and along-strike that we intend to leverage with the aim of strengthening and potentially adding ounces to the planned Melville resource update. In addition, the existing and under-drilled gold prospects along-strike from Melville have exciting and very real potential to further enhance this key asset."

"The scale potential of the Yalgoo Gold Project is another exciting aspect of this acquisition in that the numerous nearby advanced gold prospects, historical gold workings and other gold targets across the contiguous ~600km of tenure coverage provide an outstanding opportunity to develop additional satellite JORC 2012 resources and make new discoveries within a greenstone-scale gold exploration asset."

"The growth potential of the Yalgoo Gold Project is also supported by well-serviced roads and other existing infrastructure, including the nearby townships of Yalgoo and Mount Magnet, as well as multiple nearby milling options, giving us plenty of flexibility, now and into the future."

"As a further positive endorsement of the quality of the asset and of Firefly, we are excited to welcome members of the Aurum team onto our register as major shareholders with their placement commitment being a strategic cornerstone investment in our company. In addition, an Aurum representative will join us on the Firefly board and further details regarding the appointment will be provided in a subsequent announcement."

"Our small but capable technical team is very much looking forward to getting on the ground and commencing initial fieldwork and exploration drilling programs at the Yalgoo Gold Project."

Authorised by:

Simon Lawson

Managing Director and CEO

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Annexure A

Mineral Resource Estimate Disclosures

1. Melville Deposit

Item	Mineral Resource: Melville Deposit
1.	The Melville Deposit Mineral Resource Estimate has been reported by the former owner Prosperity Resources Ltd rather than the acquirer, Firefly Resources Ltd.
2.	A summary report of the estimates of the Melville Deposit Mineral Resource Estimate by the former owner, Prosperity Resources Ltd (ASX:PSP) was released on the ASX platform on 12 th May 2004 titled "Prosperity Doubles Resources to 140,000 ounces at Yalgoo, WA".
3.	The Melville Deposit Mineral Resource Estimate has been reported under the JORC Code 1999, and therefore may not conform to the requirements of the JORC Code 2012.
4.	Firefly Resources holds the view that, in reference to the criteria in Table 1 of the JORC Code 2012, the Melville Deposit Mineral Resource Estimate is of acceptable quality overall, however requires a number of duplicate and infill drill-holes to provide additional samples to allow a Competent Person to assess the reproducibility of assays as well as true widths and grade continuity to classify it under the modern standard.
5.	The Melville Deposit Mineral Resource Estimate was based on work programs, key assumptions, mining and processing parameters and methods as outlined in Annexure B – Historic Mineral Resource Estimation (MRE) summary
6.	Firefly Resources has obtained the following recent estimates or data that is relevant to the reported mineralisation. "Resource Report on the City of Melbourne, Lady Lydia South, Brilliant and Melville Deposits" and has, as part of its own Due Diligence process, had an independent technical review of the historical resources conducted by a reputable consulting firm in Perth in May 2020
7.	In order for Firefly to report the Melville Deposit Mineral Resource Estimate in accordance with the JORC Code 2012, the following work needs to be completed: a limited number of additional drill-holes to provide samples from within and peripheral to the existing resource to validate the reproducibility of assays as well as true widths and grade continuity.
8.	The proposed timing of the work outlined in Item 7 is during the latter half of CY2020 and will be funded from the associated acquisition capital raising.
9.	A statement by a Competent Person, Mr Simon Lawson confirms that the information contained in this announcement is an accurate representation of the available data and studies for the material mining project.

2. Satellite Prospects (Lady Lydia South and Brilliant)

Item	Mineral Resource: (Satellite) Gold Resources
1.	The Lady Lydia South and Brilliant Gold Resources have been reported by the former owner Prosperity Resources Ltd rather than the acquirer, Firefly Resources Ltd.
2.	A summary report of the estimates of the Lady Lydia South and Brilliant Prospect Mineral Resource Estimate by the former owner, Prosperity Resources Ltd (ASX:PSP) was released on the ASX platform on 12 th May 2004 titled "Prosperity Doubles Resources to 140,000 ounces at Yalgoo, WA".
3.	The Lady Lydia South and Brilliant Gold Resource Estimates have been reported under the JORC Code 1999, and therefore may not conform to the requirements of the JORC Code 2012.
4.	Firefly Resources holds the view that, in reference to the criteria in Table 1 of the JORC Code 2012, the Lady Lydia South and Brilliant Deposit Mineral Resource Estimates are of acceptable quality overall, however will require a number of duplicate and infill drill-holes to provide additional samples to allow a Competent Person to assess the reproducibility of assays as well as true widths and grade continuity to classify them under the modern standard.
5.	The Lady Lydia South and Brilliant Deposit Mineral Resource Estimates were based on work programs, key assumptions, mining and processing parameters and methods as outlined in Annexure B – Historic Mineral Resource Estimation (MRE) summary

6.	Firefly Resources has obtained the following recent estimates or data that is relevant to the reported mineralisation. "Resource Report on the City of Melbourne, Lady Lydia South, Brilliant and Melville Deposits at the Yalgoo North Gold Project"
7.	In order for Firefly to report the Lady Lydia South and Brilliant Deposit Mineral Resource Estimates in accordance with the JORC Code 2012, the following work needs to be completed: a limited number of additional drill-holes to provide samples from within and peripheral to the existing resources to validate the reproducibility of assays as well as true widths and grade continuity.
8.	The proposed timing of the work outlined in Item 7 is during the latter half of CY2020 and will be funded from the associated acquisition capital raising.
9.	A statement by a Competent Person, Mr Simon Lawson confirms that the information contained in this announcement is an accurate representation of the available data and studies for the material mining project.

Annexure B

Historic Mineral Resource Estimation (MRE) summary

All information detailed below is extracted from the document "Resource Report on the City of Melbourne, Lady Lydia South, Brilliant and Melville Deposits at the Yalgoo North Gold Project" prepared by Prosperity Resources Ltd and dated 1st April 2004. The document is publicly available via the WAMEX database as report A74013.

In the interests of balanced reporting Firefly Resources Ltd has summarised the detail within the aforementioned Resource Report with respect to the MRE for the Melville Gold Deposit and Lady Lydia South and Brilliant Gold Prospects below;

Summary of the work programs on which the Mineral Resource Estimates were based:

Melville Gold Deposit MRE

108 RC drill-holes and 12 Diamond drill-holes were used in the creation and estimation of the historic Melville Gold Deposit MRE (JORC 1999). 45 Shallow RAB holes within the MRE area were excluded.

Melville Gold Deposit – JORC 1999 MRE (completed 1st April 2004) – Collar Table

Hole ID	Easting (m)	Northing (m)	RL (m)	EOH Depth (m)	Drill type
BRC12	475939	6881674	375	60	RC
BRC13	475964	6881756	375	60	RC
BRC14	476101	6881683	375	70	RC
BRC15	476080	6881681	375	47	RC
BRC18	476010	6881838	375	60	RC
BRC30	476007	6881888	375	44	RC
BRC32	476011	6881894	375	89	RC
BRC33	476056	6881932	375	40	RC
BRC34	476041	6881933	375	80	RC
BRC35	475998	6881843	375	81	RC
BRC36	475976	6881800	375	88	RC
BRC37	475919	6881679	375	81	RC
BRC38	476016	6881951	375	82	RC
BRC39	475988	6881900	375	105	RC
BRC40	475961	6881846	375	105	RC
BRC41	476000	6881874	375	101	RC
BRC42	475944	6881796	375	107	RC
BRC43	475956	6881746	375	82	RC
BRC44	475902	6881693	375	95	RC
BRC45	475900	6881642	375	86	RC
MVA058	476238	6882451	375	120	RC
MVRC044	475889	6881816	375	219	RC
MVRC045D	475834	6881851	375	282.2	RC
MVRC046D	475909	6881851	375	198.1	RC
MVRC047D	475955	6881851	375	207	RC
MVRC048	475994	6882111	375	231	RC

Hole ID	Easting (m)	Northing (m)	RL (m)	EOH Depth (m)	Drill type
MVRC049	476044	6882111	375	200	RC
MVRC050D	476039	6882151	375	216.3	RC
MVRC051	475989	6882300	375	196	RC
MVRC052	476051	6882300	375	200	RC
MVRC053	476080	6882299	375	198	RC
MVRC054D	476005	6882252	375	222.1	RC
MVRC055D	476041	6882252	375	200	RC
NGDD03	475973	6881818	375	125.3	D
NGDD04	475938	6881816	375	135	D
NGDD06A	475971	6881858	375	140.8	D
NGDD07	475941	6881857	375	153.1	D
NGDD08	475975	6881878	375	135.4	D
NGDD09	475934	6881897	375	169.05	D
NGDD10	475960	6881949	375	195.6	D
NGDD13	476048	6882001	375	141.6	D
NGDD17	475885	6881855	375	240	D
NGRC01	476022	6881820	375	80	RC
NGRC02	476002	6881819	375	90	RC
NGRC05	476006	6881860	375	94	RC
NGRC11	476105	6881969	375	40	RC
NGRC12	476083	6881981	375	73	RC
NGRC15	475926	6881603	375	50	RC
NGRC16	475900	6881619	375	74	RC
NGRC18	476026	6881861	375	64	RC
NGRC19	476071	6881930	375	88	RC
NGRC20	476066	6881954	375	88	RC
NGRC21	476079	6881981	375	50	RC
NGRC22	476063	6882005	375	86	RC
NGRC23	476052	6882030	375	101	RC
NGRC24	476146	6882060	375	79	RC
NGRC24A	476135	6882054	375	91	RC
NGRC25	476054	6882080	375	98.7	RC
NGRC26	476094	6882108	375	90	RC
NGRC27	476174	6882112	375	83.7	RC
NMRC34	476024	6882253	375	135	RC
NMRC35	476030	6881874	375	78	RC
NMRC36	476048	6881900	375	71	RC
NMRC37	476042	6882054	375	137	RC
NMRC38	476063	6882099	375	125	RC
NMRC39	476124	6882155	375	101	RC
NMRC40	476074	6882153	375	131	RC
NMRC41	476064	6882200	375	131	RC
NMRC43	476104	6882200	375	113	RC
NMRC44	476059	6882254	375	137	RC
NMRC45	475974	6882252	375	185	RC

Hole ID	Easting (m)	Northing (m)	RL (m)	EOH Depth (m)	Drill type
NMRC46	476146	6882081	375	110	RC
NMRC47	476063	6882300	375	101	RC
NMRC48	476024	6882300	375	124	RC
NMRC49	476040	6882350	375	180	RC
NMRC50	476064	6882350	375	95	RC
NMRC51	476149	6882106	375	108	RC
NMRC52	476158	6882151	375	130	RC
NMRC53	476169	6882201	375	150	RC
NMRC54	476119	6882251	375	145	RC
PRC005	476111	6882299	375	100	RC
PRC006	476169	6882199	375	88	RC
PRC007	476088	6882175	375	130	RC
PRC008	476084	6882126	375	130	RC
PRC009	476014	6881931	375	121	RC
PRC010	475994	6881751	375	94	RC
PRC011	475994	6881791	375	100	RC
PRC012	476024	6881776	375	88	RC
PRC015	475989	6881861	375	130	RC
PRC016	476094	6881751	375	145	RC
PRC017	475984	6881991	375	166	RC
PRC018	476086	6882253	375	132	RC
PRC031	476019	6881791	375	108	RC
PRC032	475969	6881791	375	144	RC
PRC033	476054	6881764	375	96	RC
PRC034	475984	6881766	375	150	RC
PRC035	476024	6881741	375	120	RC
PRC036	476141	6882253	375	150	RC
PRC037	476129	6882131	375	100	RC
PRC039	476129	6882111	375	130	RC
PRC042	476167	6882175	375	120	RC
PRC045	476171	6882231	375	120	RC
PRC047	476179	6882302	375	150	RC
PRC048	476143	6882297	375	150	RC
PRC049	476128	6882331	375	180	RC
PRC050	476201	6882372	375	156	RC
PRC061	476255	6882453	375	156	RC
PRC062	476044	6881791	375	90	RC
PRC063	475989	6881811	375	110	RC
PRC064	475959	6881871	375	170	RC
PRC065	476049	6881951	375	80	RC
PRC066	476054	6881991	375	130	RC
PRC067	476084	6882011	375	90	RC
PRC068	476079	6882031	375	90	RC
PRC069	476084	6882051	375	96	RC
PRC070	476079	6882071	375	120	RC

Hole ID	Easting (m)	Northing (m)	RL (m)	EOH Depth (m)	Drill type
PRC072	476099	6882151	375	108	RC
PRC073	476039	6882182	375	138	RC
PRC074	476072	6882231	375	162	RC
PRC075	476106	6882226	375	126	RC
PRC076	476148	6882330	375	138	RC
PRC085	475984	6881777	375	120	RC
PRC086	476104	6882011	375	90	RC
PRC087	476104	6882276	375	138	RC
PRC098	475979	6881846	375	100	RC
PRC100	476074	6882021	375	89.6	RC
PRC101	476139	6882201	375	114	RC
PRCD106	475964	6881811	375	115	D
PRCD107	475989	6881791	375	91.9	D
PRCD108	476094	6882251	375	141.9	D

For detailed drilling, sampling, assaying and QAQC methodology please refer to **Annexure E – JORC Table 1**.

Brilliant Gold Prospect MRE

45 RC drill-holes were used in the creation and polygonal estimation of the Brilliant Gold Prospect MRE.

Brilliant Gold Prospect – JORC 1999 MRE (completed 1st April 2004) – Collar Table

Hole ID	Easting (m)	Northing (m)	RL (m)	EOH Depth (m)	Drill type
NB001	471417	6887504	360	14.50	RC
NB002	471440	6887501	360	34.00	RC
NB003	471429	6887523	360	60.00	RC
NB004	471419	6887508	360	46.00	RC
NB005	471399	6887501	360	29.00	RC
NB006	471407	6887533	360	45.00	RC
NB007	471458	6887479	360	44.00	RC
NB008	471388	6887554	360	45.00	RC
NB009	471465	6887455	360	50.00	RC
NB010	471453	6887511	360	50.00	RC
NB011	471444	6887535	360	75.00	RC
NB012	471420	6887544	360	58.00	RC
NB013	471399	6887563	360	70.00	RC
NB014	471369	6887575	360	39.00	RC
NB015	471357	6887591	360	37.00	RC
NB016	471334	6887619	360	36.00	RC
NB017	471325	6887643	360	45.00	RC
NB018	471499	6887361	360	40.00	RC
NB019	471563	6887211	360	50.00	RC
NB020	471585	6887223	360	92.00	RC

NB021	471551	6887269	360	60.00	RC
NB022	471503	6887294	360	52.00	RC
NB023	471479	6887341	360	50.00	RC
NB024	471454	6887389	360	70.00	RC
NB025	471478	6887465	360	62.00	RC
NB026	471433	6887493	360	25.00	RC
NB027	471412	6887502	360	30.00	RC
NB028	471399	6887529	360	25.00	RC
NB029	471436	6887559	360	77.00	RC
NB030	471383	6887548	360	30.00	RC
NB031	471415	6887577	360	80.00	RC
NB032	471381	6887585	360	62.00	RC
NB033	471369	6887603	360	64.00	RC
NB034	471347	6887629	360	68.00	RC
NB035	471336	6887651	360	74.00	RC
NB036	471291	6887643	360	43.00	RC
NB037	471260	6887657	360	32.00	RC
NB038	471315	6887634	360	14.00	RC
NB039	471254	6887634	360	34.00	RC
PRC019	471354	6887691	392	92.00	RC
PRC020	471434	6887597	365	120.00	RC
PRC021	471404	6887616	365	104.00	RC
PRC022	471446	6887571	360	100.00	RC
PRC023	471459	6887551	360	94.00	RC
PRC024	471368	6887646	365	100.00	RC

For detailed drilling, sampling, assaying and QAQC methodology please refer to Annexure E – JORC Table 1.

Lady Lydia South Gold Prospect MRE

21 RC drill-holes were used in the creation and polygonal estimation of the Brilliant Gold Prospect MRE.

Lady Lydia South Gold Prospect – JORC 1999 MRE (completed 1st April 2004) – Collar Table

Hole ID	Easting (m)	Northing (m)	RL (m)	EOH Depth (m)	Drill type
NLS001	472259	6885162	360	12.00	RC
NLS002	472266	6885168	360	18.00	RC
NLS003	472274	6885174	360	18.00	RC
NLS004	472283	6885180	360	21.00	RC
NLS005	472362	6885241	360	18.00	RC
NLS006	472371	6885246	360	18.00	RC
NLS007	472379	6885253	360	18.00	RC
NLS008	472386	6885258	360	18.00	RC
NLS009	472394	6885214	360	18.00	RC
NLS010	472348	6885279	360	18.00	RC

NLS011	472358	6885285	360	18.00	RC
NLS012	472299	6885140	360	24.00	RC
NLS013	472266	6885191	360	25.00	RC
NLS014	472256	6885199	360	25.00	RC
NLS015	472309	6885148	360	25.00	RC
PRC025	472289	6885211	360	94.00	RC
PRC026	472300	6885186	360	94.00	RC
PRC027	472328	6885139	360	94.00	RC
PRC028	472412	6885231	360	70.00	RC
PRC029	472389	6885263	360	94.00	RC
PRC030	472367	6885293	360	94.00	RC

For detailed drilling, sampling, assaying and QAQC methodology please refer to Annexure E – JORC Table 1.

Summary of the key assumptions, mining and processing parameters and methods used to prepare each Mineral Resource Estimate:

Melville Gold Deposit

The Mineral Resource Estimation for the **Melville Gold Deposit** was determined using traditional sectional analysis, wireframing of mineralised domains using a nominal 0.5g/t cut-off, 1m standardised compositing of drill-hole assays, coding of a 3D block model (4m x 8m x 5m block size) and estimated using Ordinary Kriging geostatistical methodology (OK).

Statistical analyses and variography were used extensively to define the various estimation parameters with respect to sample variability and spatial distribution in an effort to reduce any potential spatial or grade bias.

A range of densities were applied to the coded Melville block model using 2.60, 2.80 and 2.90 as oxide, transitional and fresh material densities respectively, to allow tonnages to be calculated when combined with volume.

The estimated model was classified as Indicated or Inferred based on a "quality" as defined by

Lower Cutoff	In-Situ Tonnes	In-Situ Grade (gm Au/t)	Volume Cubic m	In-Situ Gold Oz
0.50g Au	3,902,538	1.31g	1,484,992	164,365
0.80g Au	2,784,651	1.57g	1,045,856	140,560
1.00g Au	1,974,293	1.85g	733,916	117,429
1.20g Au	1,460,471	2.11g	538,432	99,076
1.60g Au	833,157	2.67g	304,418	71,520
1.80g Au	662,252	2.92g	241,558	62,172
2.00g Au	509,792	3.23g	185,280	52,940
3.00g Au	191,680	4.63g	69,280	28,533
4.00g Au	94,576	5.89g	34,240	17,326

Figure 3. Melville Resource (JORC 1999) calculation table at various cut-off grades from Prosperity Resources "Resource Report on the City of Melbourne, Lady Lydia South, Brilliant and Melville Deposits at the Yalgoo North Gold Project".

Lady Lydia South and Brilliant Gold Prospects

The Mineral Resource Estimation for the **Lady Lydia South Gold Prospect** and **Brilliant Gold Prospect** were determined using traditional sectional analysis with polygonal interpretation (0.5g/t cutoff) and arithmetic average of grades within polygons.

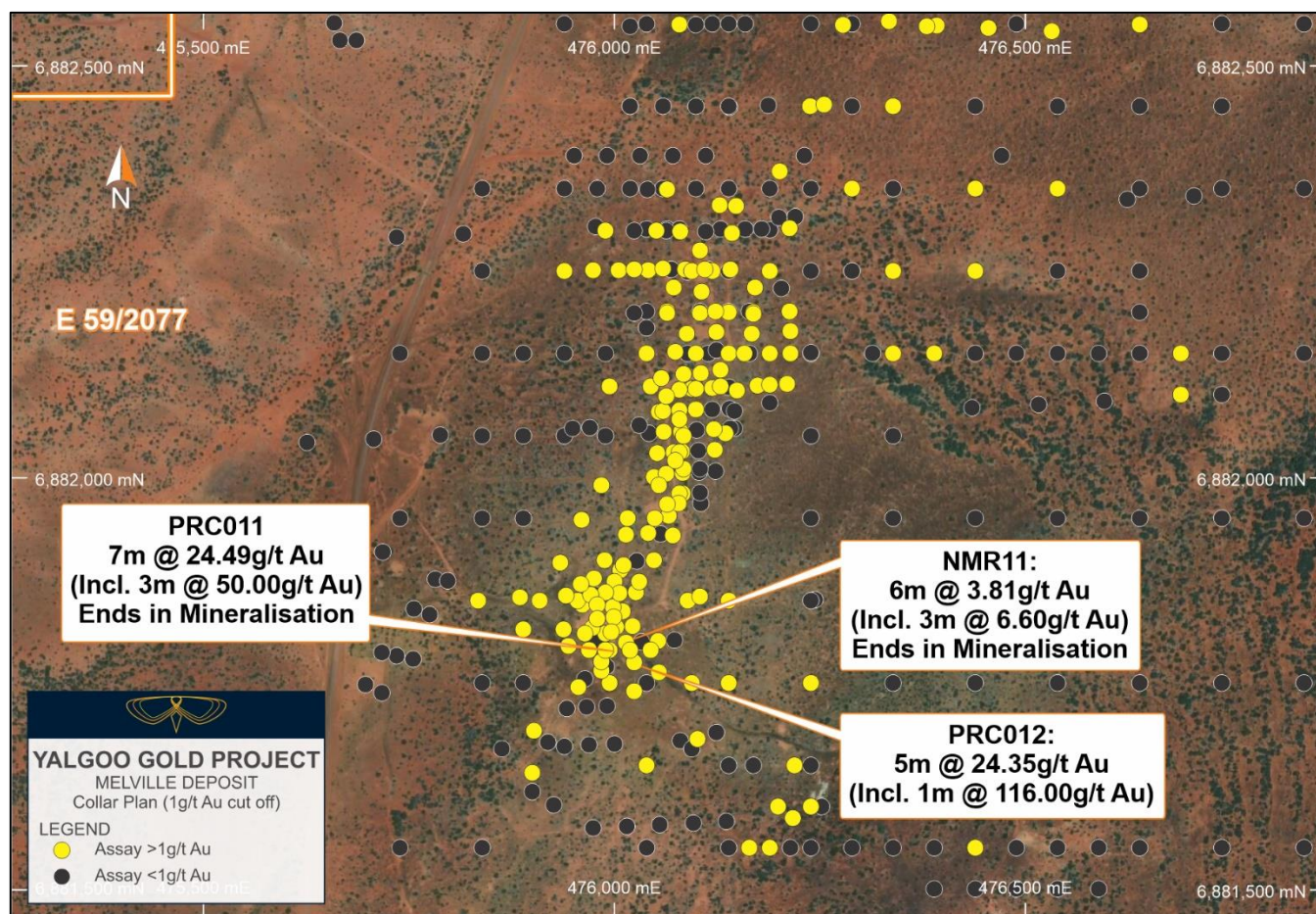
A density of 2.75 was applied to the mineralised blocks of each MRE as "typical of the mineralisation style and the lithology in which the mineralisation occurs" to allow tonnages to be calculated when combined with volume.

There are no mining or processing parameters or modifying factors applied to the historic Mineral Resource Estimates.

Annexure C

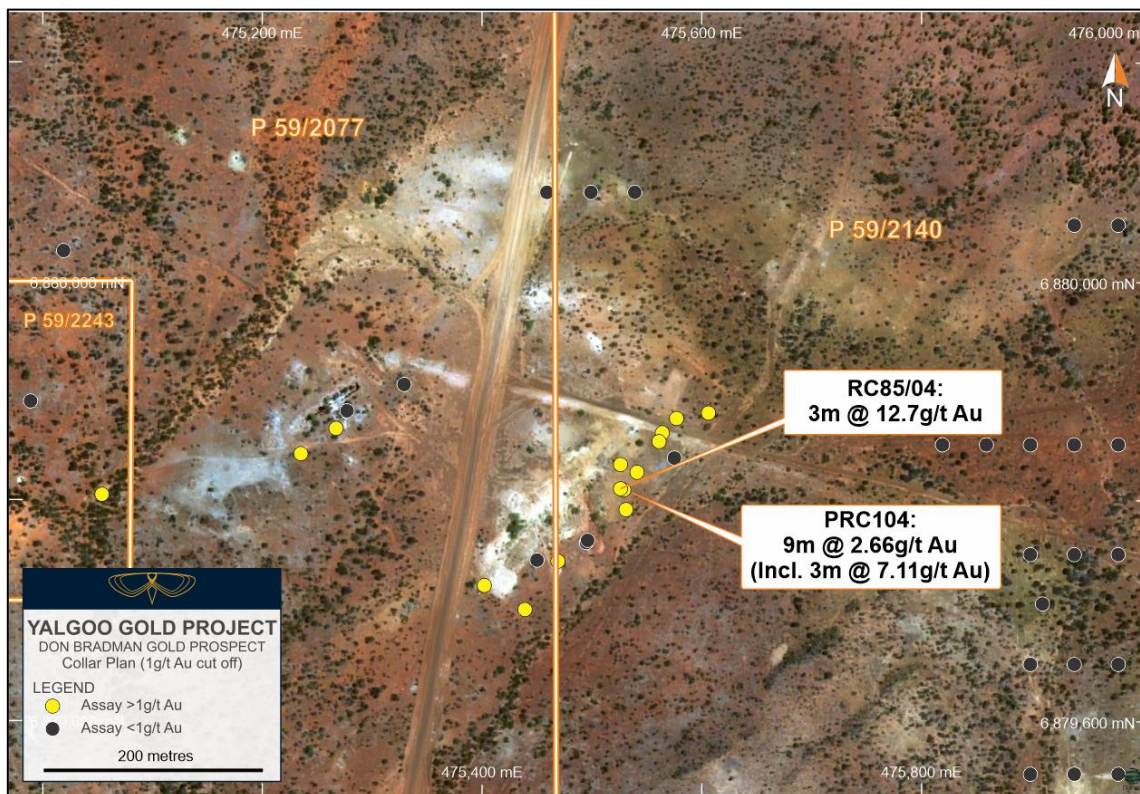
Historical drill-hole information

Melville Gold Deposit – all collars



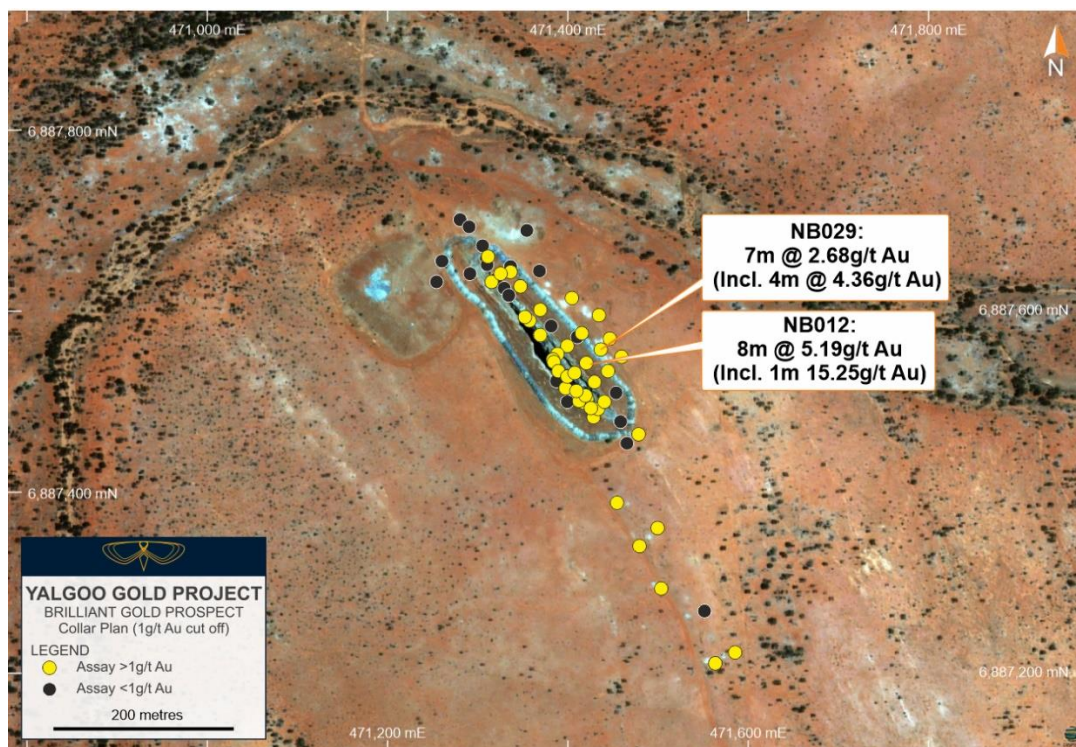
Melville Gold Deposit illustrating all drill collars and coloured by max downhole grade using a 1g/t cut-off.

Don Bradman Gold Prospect – all collars



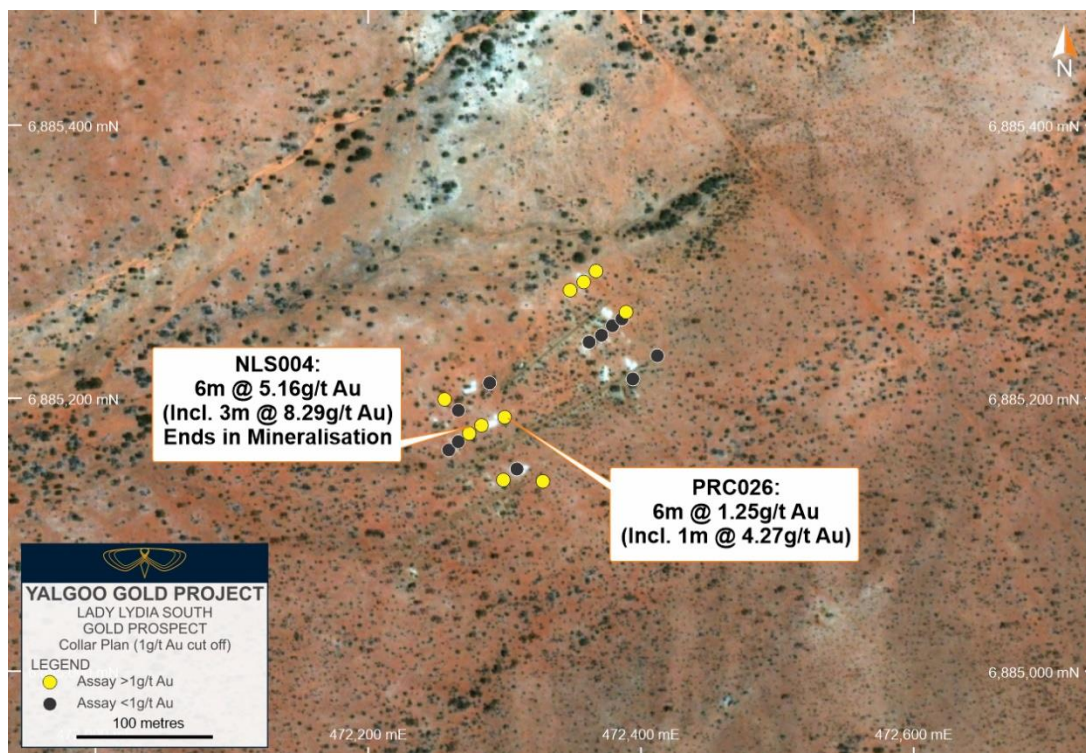
Don Bradman Gold Prospect illustrating all drill collars and coloured by max downhole grade using a 1g/t cut-off.

Brilliant Gold Prospect – all collars



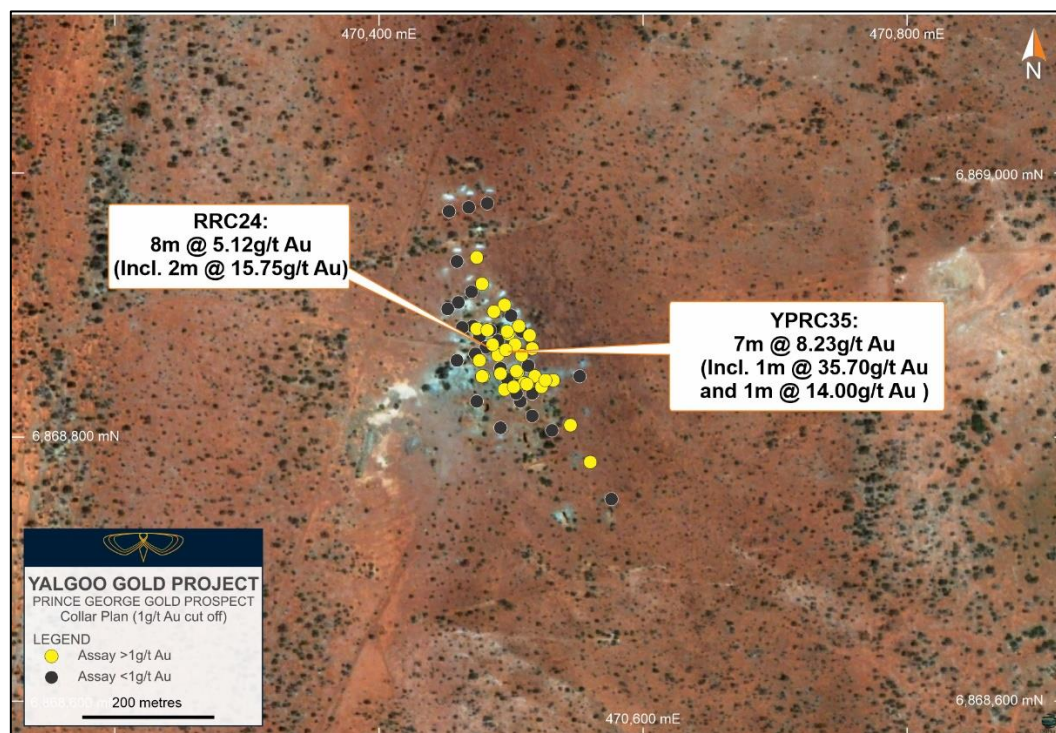
Brilliant Gold Prospect illustrating all drill collars and coloured by max downhole grade using a 1g/t cut-off.

Lady Lydia Gold Prospect – all collars



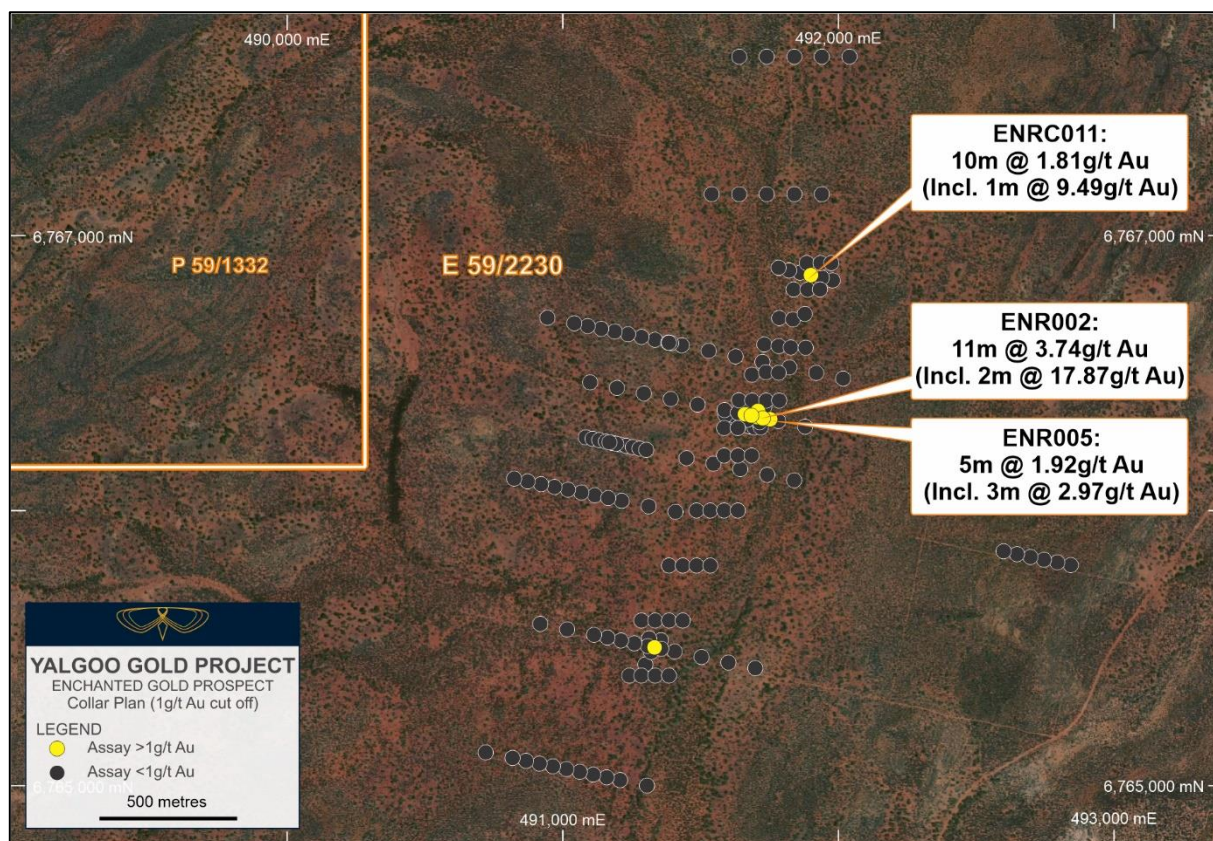
Lady Lydia South Gold Prospect illustrating all drill collars and coloured by max downhole grade using a 1g/t cut-off.

Prince George Gold Prospect – all collars



Prince George Gold Prospect illustrating all drill collars and coloured by max downhole grade using a 1g/t cut-off.

Enchanted Gold Prospect – all collars



Prince George Gold Prospect illustrating all drill collars and coloured by max downhole grade using a 1g/t cut-off.

Table 1a – Summary of Significant Intercept Drill-hole Collars and Survey information

Drill Hole ID	Drill Type	Prospect	Easting (m)	Northing (m)	Azimuth (deg)	Dip (deg)	RL (m)	Total Depth (m)	Assays
PRCD106	RC/DD	Melville	475964	6881811	90	-60	386	115	Historical Exploration
PRC032	RC	Melville	475969	6881791	90	-60	386	144	Historical Exploration
NMR15	RAB	Melville	475989	6881771	93	-60	386	60	Historical Exploration
PRC011	RC	Melville	475994	6881791	90	-60	387	100	Historical Exploration
NMR11	RAB	Melville	476013	6881799	93	-60	385	42	Historical Exploration
PRC012	RC	Melville	476024	6881776	90	-60	385	88	Historical Exploration
PRC031	RC	Melville	476019	6881791	90	-60	386	108	Historical Exploration
PRC062	RC	Melville	476044	6881791	90	-60	385	90	Historical Exploration
RC85/04	RC	Don Bradman	475526	6879811	90	-60	376	29	Historical Exploration
PRC104	RC	Don Bradman	475529	6879810	330	-60	376	50	Historical Exploration
NB012	AC	Brilliant	471420	6887544	230	-59	360	58	Historical Exploration
NB029	AC	Brilliant	471436	6887559	230	-60	360	77	Historical Exploration
NLS004	RC	Lady Lydia South	472283	6885180	245	-60	360	21	Historical Exploration
PRC026	RC	Lady Lydia South	472300	6885186	230	-60	360	94	Historical Exploration
RRC24	RC	Prince George	470490	6868861	236	-60	327	35	Historical Exploration
YPRC35	RC	Prince George	470496	6868865	238	-59	327	60	Historical Exploration
ENRC002	RC	Enchanted	491704	6766340	100	-60	350	60	Historical Exploration
ENRC005	RC	Enchanted	491752	6766332	280	-60	350	109	Historical Exploration
ENRC011	RC	Enchanted	491900	6766856	100	-60	350	91	Historical Exploration

Table 1b: Summary of Significant Intercept Drill-hole Assays

Drill Hole ID	From (m)	To (m)	Interval (m)	Au (g/t)
PRC032	0	4	4	0.54
PRC032	4	8	4	0.45
PRC032	8	12	4	0.05
PRC032	12	16	4	0.03
PRC032	16	20	4	0.01
PRC032	20	24	4	0.009
PRC032	24	28	4	0.007
PRC032	28	32	4	0.007
PRC032	32	36	4	0.007
PRC032	36	40	4	0.005
PRC032	40	41	1	0.01
PRC032	41	42	1	0.01
PRC032	42	43	1	0.02
PRC032	43	44	1	0.01
PRC032	44	45	1	0.01
PRC032	45	46	1	0.007
PRC032	46	47	1	0.007
PRC032	47	48	1	0.009
PRC032	48	49	1	0.01
PRC032	49	50	1	0.03
PRC032	50	51	1	0.006
PRC032	51	52	1	0.01
PRC032	52	53	1	0.02
PRC032	53	54	1	0.01
PRC032	54	55	1	0.01
PRC032	55	56	1	0.01
PRC032	56	57	1	0.01
PRC032	57	58	1	0.01
PRC032	58	59	1	0.09
PRC032	59	60	1	0.2
PRC032	60	61	1	0.09
PRC032	61	62	1	0.04
PRC032	62	63	1	0.11
PRC032	63	64	1	0.39
PRC032	64	65	1	0.07
PRC032	65	66	1	0.04
PRC032	66	67	1	0.07
PRC032	67	68	1	0.34
PRC032	68	69	1	0.29
PRC032	69	70	1	0.14
PRC032	70	71	1	0.46
PRC032	71	72	1	0.2
PRC032	72	73	1	0.74

Drill Hole ID	From (m)	To (m)	Interval (m)	Au (g/t)
PRC032	74	75	1	0.46
PRC032	75	76	1	0.26
PRC032	76	77	1	0.11
PRC032	77	78	1	0.1
PRC032	78	79	1	0.04
PRC032	79	80	1	0.11
PRC032	80	81	1	0.06
PRC032	81	82	1	0.11
PRC032	82	83	1	0.03
PRC032	83	84	1	0.04
PRC032	84	85	1	0.04
PRC032	85	86	1	0.05
PRC032	86	87	1	0.04
PRC032	87	88	1	0.26
PRC032	88	89	1	0.05
PRC032	89	90	1	0.04
PRC032	90	91	1	0.11
PRC032	91	92	1	0.04
PRC032	92	93	1	0.04
PRC032	93	94	1	0.03
PRC032	94	95	1	0.02
PRC032	95	96	1	0.01
PRC032	96	97	1	0.01
PRC032	97	98	1	0.007
PRC032	98	99	1	0.004
PRC032	99	100	1	0.01
PRC032	100	101	1	0.03
PRC032	101	102	1	6.2
PRC032	102	103	1	0.03
PRC032	103	104	1	0.08
PRC032	104	105	1	0.03
PRC032	105	106	1	0.13
PRC032	106	107	1	0.05
PRC032	107	108	1	0.05
PRC032	108	109	1	0.009
PRC032	109	110	1	0.004
PRC032	110	111	1	0.002
PRC032	111	112	1	0.01
PRC032	112	113	1	0.01
PRC032	113	114	1	0.002
PRC032	114	115	1	0.01
PRC032	115	116	1	0.007
PRC032	116	117	1	0.01

PRC032	73	74	1	0.43
PRC032	118	119	1	0.07
PRC032	119	120	1	0.02
PRC032	120	121	1	0.01
PRC032	121	122	1	0.005
PRC032	122	123	1	0.53
PRC032	123	124	1	0.01
PRC032	124	125	1	0
PRC032	125	126	1	0
PRC032	126	127	1	0
PRC032	127	128	1	0.02
PRC032	128	129	1	0
PRC032	129	130	1	0.01
PRC032	130	131	1	0.002
PRC032	131	132	1	0.01
PRC032	132	133	1	0.03
PRC032	133	134	1	0.05
PRC032	134	135	1	0
PRC032	135	136	1	0
PRC032	136	137	1	0.002
PRC032	137	138	1	0.003
PRC032	138	139	1	0.009
PRC032	139	140	1	0.01
PRC032	140	141	1	0.05
PRC032	141	142	1	0.01
PRC032	142	143	1	0.11
PRC032	143	144	1	0.02
NMR15	0	3	3	0.27
NMR15	3	6	3	0.15
NMR15	6	9	3	0.02
NMR15	9	12	3	0.02
NMR15	12	15	3	0
NMR15	15	18	3	0.03
NMR15	18	21	3	0
NMR15	21	24	3	0.01
NMR15	24	27	3	0.02
NMR15	27	30	3	0.02
NMR15	30	33	3	0.03
NMR15	33	36	3	0.18
NMR15	36	39	3	0.09
NMR15	39	42	3	0.01
NMR15	42	45	3	0.05
NMR15	45	48	3	0.74
NMR15	48	51	3	0.31
NMR15	51	54	3	0.3
NMR15	54	57	3	0.34

PRC032	117	118	1	0.03
PRC011	4	8	4	0.31
PRC011	8	12	4	0.1
PRC011	12	16	4	0.02
PRC011	16	20	4	0.01
PRC011	20	24	4	0.02
PRC011	24	28	4	0.02
PRC011	28	29	1	0.01
PRC011	29	30	1	0.09
PRC011	30	31	1	1.32
PRC011	31	32	1	0.02
PRC011	32	33	1	0.09
PRC011	33	34	1	0.09
PRC011	34	35	1	0.31
PRC011	35	36	1	0.15
PRC011	36	37	1	0.03
PRC011	37	38	1	0.07
PRC011	38	39	1	0.13
PRC011	39	40	1	0.06
PRC011	40	41	1	0.03
PRC011	41	42	1	0.06
PRC011	42	43	1	0.04
PRC011	43	44	1	0.12
PRC011	44	45	1	0.13
PRC011	45	46	1	0.36
PRC011	46	47	1	0.35
PRC011	47	48	1	0.3
PRC011	48	49	1	0.24
PRC011	49	50	1	0.08
PRC011	50	51	1	0.07
PRC011	51	52	1	0.08
PRC011	52	53	1	0.03
PRC011	53	54	1	0.06
PRC011	54	55	1	0.09
PRC011	55	56	1	0.16
PRC011	56	57	1	0.14
PRC011	57	58	1	0.04
PRC011	58	59	1	0.02
PRC011	59	60	1	0.03
PRC011	60	61	1	0.04
PRC011	61	62	1	0.03
PRC011	62	63	1	0.11
PRC011	63	64	1	0.05
PRC011	64	65	1	0.02
PRC011	65	66	1	0.01
PRC011	66	67	1	0.01

NMR15	57	60	3	0.68
PRC011	0	4	4	0.37
PRC011	69	70	1	0.02
PRC011	70	71	1	0.02
PRC011	71	72	1	0.03
PRC011	72	73	1	0.01
PRC011	73	74	1	0.01
PRC011	74	75	1	0.02
PRC011	75	76	1	0.14
PRC011	76	77	1	0.11
PRC011	77	78	1	0.07
PRC011	78	79	1	0.03
PRC011	79	80	1	0.04
PRC011	80	81	1	0.01
PRC011	81	82	1	0.01
PRC011	82	83	1	0.01
PRC011	83	84	1	0
PRC011	84	85	1	0
PRC011	85	86	1	0.01
PRC011	86	87	1	0.01
PRC011	87	88	1	0.01
PRC011	88	89	1	0.02
PRC011	89	90	1	0.01
PRC011	90	91	1	0.01
PRC011	91	92	1	0.01
PRC011	92	93	1	0.04
PRC011	93	94	1	3.94
PRC011	94	95	1	33.3
PRC011	95	96	1	91.8
PRC011	96	97	1	24.9
PRC011	97	98	1	3.78
PRC011	98	99	1	5.14
PRC011	99	100	1	8.54
NMR11	0	3	3	0.5
NMR11	3	6	3	0.36
NMR11	6	9	3	0.45
NMR11	9	12	3	0.22
NMR11	12	15	3	0.9
NMR11	15	18	3	0.46
NMR11	18	21	3	0.13
NMR11	21	24	3	0.12
NMR11	24	27	3	0.18
NMR11	27	30	3	0.17
NMR11	30	33	3	0.16
NMR11	33	36	3	0.47
NMR11	36	39	3	6.6

PRC011	67	68	1	0.02
PRC011	68	69	1	0.04
PRC012	2	3	1	0.13
PRC012	3	4	1	0.04
PRC012	4	5	1	0.12
PRC012	5	6	1	0.1
PRC012	6	7	1	0.02
PRC012	7	8	1	0.02
PRC012	8	9	1	0.02
PRC012	9	10	1	0.01
PRC012	10	11	1	0.04
PRC012	11	12	1	0.01
PRC012	12	13	1	0.06
PRC012	13	14	1	0.04
PRC012	14	15	1	0.08
PRC012	15	16	1	0.21
PRC012	16	17	1	0.08
PRC012	17	18	1	0.05
PRC012	18	19	1	0.15
PRC012	19	20	1	0.03
PRC012	20	21	1	0.06
PRC012	21	22	1	0.02
PRC012	22	23	1	0.06
PRC012	23	24	1	0.04
PRC012	24	25	1	0.05
PRC012	25	26	1	0.04
PRC012	26	27	1	0.08
PRC012	27	28	1	0.08
PRC012	28	29	1	0.14
PRC012	29	30	1	0.21
PRC012	30	31	1	0.1
PRC012	31	32	1	0.04
PRC012	32	33	1	0.1
PRC012	33	34	1	0.1
PRC012	34	35	1	0.15
PRC012	35	36	1	0.08
PRC012	36	37	1	0.15
PRC012	37	38	1	0.08
PRC012	38	39	1	0.02
PRC012	39	40	1	0.06
PRC012	40	41	1	0.12
PRC012	41	42	1	0.1
PRC012	42	43	1	116
PRC012	43	44	1	2.71
PRC012	44	45	1	1.08
PRC012	45	46	1	0.67

NMR11	39	42	3	1.02
PRC012	0	1	1	0.42
PRC012	1	2	1	0.26
PRC012	49	50	1	0.08
PRC012	50	51	1	0.35
PRC012	51	52	1	0.05
PRC012	52	53	1	0.03
PRC012	53	54	1	0.01
PRC012	54	55	1	0.05
PRC012	55	56	1	0.11
PRC012	56	57	1	0.01
PRC012	57	58	1	0.01
PRC012	58	59	1	1.88
PRC012	59	60	1	0.04
PRC012	60	61	1	0.01
PRC012	61	62	1	0.03
PRC012	62	63	1	0.07
PRC012	63	64	1	0.01
PRC012	64	65	1	0.02
PRC012	65	66	1	0.01
PRC012	66	67	1	0.04
PRC012	67	68	1	0.01
PRC012	68	69	1	0.01
PRC012	69	70	1	0
PRC012	70	71	1	0.01
PRC012	71	72	1	0
PRC012	72	73	1	0.05
PRC012	73	74	1	0.04
PRC012	74	75	1	0.01
PRC012	75	76	1	0.09
PRC012	76	77	1	0.01
PRC012	77	78	1	0.01
PRC012	78	79	1	0.04
PRC012	79	80	1	0.09
PRC012	80	81	1	0.04
PRC012	81	82	1	0.03
PRC012	82	83	1	0.05
PRC012	83	84	1	0.01
PRC012	84	85	1	0.12
PRC012	85	86	1	0.02
PRC012	86	87	1	0.04
PRC012	87	88	1	0.02
PRC031	0	1	1	0.44
PRC031	1	2	1	0.39
PRC031	2	3	1	0.22
PRC031	3	4	1	0.12

PRC012	46	47	1	1.29
PRC012	47	48	1	0.46
PRC012	48	49	1	0.6
PRC031	8	9	1	0.02
PRC031	9	10	1	0.03
PRC031	10	11	1	0.01
PRC031	11	12	1	0.01
PRC031	12	13	1	0.01
PRC031	13	14	1	0.04
PRC031	14	15	1	0.01
PRC031	15	16	1	0.04
PRC031	16	17	1	0.03
PRC031	17	18	1	0.03
PRC031	18	19	1	0.03
PRC031	19	20	1	0.04
PRC031	20	21	1	0.28
PRC031	21	22	1	0.06
PRC031	22	23	1	0.1
PRC031	23	24	1	0.05
PRC031	24	25	1	0.08
PRC031	25	26	1	0.06
PRC031	26	27	1	0.05
PRC031	27	28	1	0.03
PRC031	28	29	1	0.03
PRC031	29	30	1	0.01
PRC031	30	31	1	0.02
PRC031	31	32	1	0.01
PRC031	32	33	1	0.04
PRC031	33	34	1	0.02
PRC031	34	35	1	0.24
PRC031	35	36	1	0.28
PRC031	36	37	1	0.32
PRC031	37	38	1	3.03
PRC031	38	39	1	1.03
PRC031	39	40	1	0.53
PRC031	40	41	1	1.73
PRC031	41	42	1	2.66
PRC031	42	43	1	0.58
PRC031	43	44	1	5.53
PRC031	44	45	1	0.49
PRC031	45	46	1	0.41
PRC031	46	47	1	0.53
PRC031	47	48	1	0.56
PRC031	48	49	1	0.41
PRC031	49	50	1	0.4
PRC031	50	51	1	0.04

PRC031	4	5	1	0.11
PRC031	5	6	1	0.07
PRC031	6	7	1	0.01
PRC031	7	8	1	0.02
PRC031	55	56	1	0.19
PRC031	56	57	1	0.01
PRC031	57	58	1	0.14
PRC031	58	59	1	0.25
PRC031	59	60	1	0.1
PRC031	60	61	1	0.44
PRC031	61	62	1	0.11
PRC031	62	63	1	0.08
PRC031	63	64	1	0.02
PRC031	64	65	1	0.02
PRC031	65	66	1	0.01
PRC031	66	67	1	0.03
PRC031	67	68	1	0.04
PRC031	68	69	1	0.004
PRC031	69	70	1	0.02
PRC031	70	71	1	0.07
PRC031	71	72	1	0.01
PRC031	72	73	1	0.01
PRC031	73	74	1	0.01
PRC031	74	75	1	0.02
PRC031	75	76	1	2.09
PRC031	76	77	1	0.29
PRC031	77	78	1	0.05
PRC031	78	79	1	0.66
PRC031	79	80	1	0.07
PRC031	80	81	1	0.009
PRC031	81	82	1	0.01
PRC031	82	83	1	0.17
PRC031	83	84	1	0.01
PRC031	84	85	1	0.006
PRC031	85	86	1	0.01
PRC031	86	87	1	0.009
PRC031	87	88	1	0.007
PRC031	88	89	1	0.005
PRC031	89	90	1	0.03
PRC031	90	91	1	11
PRC031	91	92	1	0.04
PRC031	92	93	1	0.01
PRC031	93	94	1	0.009
PRC031	94	95	1	0.02
PRC031	95	96	1	0.01
PRC031	96	97	1	0.02

PRC031	51	52	1	0.38
PRC031	52	53	1	0.06
PRC031	53	54	1	0.02
PRC031	54	55	1	0.13
PRC031	102	103	1	0.05
PRC031	103	104	1	0.42
PRC031	104	105	1	0.11
PRC031	105	106	1	0.13
PRC031	106	107	1	0.11
PRC031	107	108	1	0.02
PRC062	0	1	1	0.49
PRC062	1	2	1	0.71
PRC062	2	3	1	0.29
PRC062	3	4	1	0.24
PRC062	4	5	1	0.16
PRC062	5	6	1	0.06
PRC062	6	7	1	0.08
PRC062	7	8	1	0.2
PRC062	8	9	1	0.06
PRC062	9	10	1	0.27
PRC062	10	11	1	0.33
PRC062	11	12	1	1.28
PRC062	12	13	1	0.17
PRC062	13	14	1	1.12
PRC062	14	15	1	1.07
PRC062	15	16	1	0.4
PRC062	16	17	1	0.27
PRC062	17	18	1	0.09
PRC062	18	19	1	0.48
PRC062	19	20	1	0.02
PRC062	20	21	1	0.008
PRC062	21	22	1	0.02
PRC062	22	23	1	0.01
PRC062	23	24	1	0.02
PRC062	24	25	1	0.07
PRC062	25	26	1	0.04
PRC062	26	27	1	0.05
PRC062	27	28	1	0.06
PRC062	28	29	1	0.06
PRC062	29	30	1	0.1
PRC062	30	31	1	0.23
PRC062	31	32	1	0.51
PRC062	32	33	1	0.69
PRC062	33	34	1	0.22
PRC062	34	35	1	0.16
PRC062	35	36	1	0.06

PRC031	97	98	1	0.01
PRC031	98	99	1	0.04
PRC031	99	100	1	0.03
PRC031	100	101	1	0.04
PRC031	101	102	1	0.06
PRC062	41	42	1	0.06
PRC062	42	43	1	0.11
PRC062	43	44	1	0.03
PRC062	44	45	1	0.04
PRC062	45	46	1	0.14
PRC062	46	47	1	0.03
PRC062	47	48	1	0.01
PRC062	48	49	1	0.02
PRC062	49	50	1	0.04
PRC062	50	51	1	0.006
PRC062	51	52	1	0.22
PRC062	52	53	1	0.16
PRC062	53	54	1	0.01
PRC062	54	55	1	0.08
PRC062	55	56	1	0.3
PRC062	56	57	1	0.03
PRC062	57	58	1	0.12
PRC062	58	59	1	0.02
PRC062	59	60	1	0.005
PRC062	60	61	1	0.01
PRC062	61	62	1	0.01
PRC062	62	63	1	0.1
PRC062	63	64	1	0.29
PRC062	64	65	1	0.03
PRC062	65	66	1	0.02
PRC062	66	67	1	0.03
PRC062	67	68	1	0.04
PRC062	68	69	1	0.07
PRC062	69	70	1	0.08
PRC062	70	71	1	0.009
PRC062	71	72	1	0.008
PRC062	72	73	1	0.008
PRC062	73	74	1	0.01
PRC062	74	75	1	0.03
PRC062	75	76	1	0.03
PRC062	76	77	1	0.01
PRC062	77	78	1	0.01
PRC062	78	79	1	0.06
PRC062	79	80	1	0.01
PRC062	80	81	1	0.04
PRC062	81	82	1	0.02

PRC062	36	37	1	0.13
PRC062	37	38	1	0.1
PRC062	38	39	1	0.05
PRC062	39	40	1	0.11
PRC062	40	41	1	0.11
PRC062	88	89	1	0.04
PRC062	89	90	1	0.15
RC85/04	0	21	21	0.01
RC85/04	21	24	3	12.7
RC85/04	24	28	4	0.01
RC85/04	28	29	1	1.94
PRC104	0	1	1	0.567
PRC104	1	2	1	0.019
PRC104	2	3	1	0.005
PRC104	3	4	1	0.005
PRC104	4	5	1	0.002
PRC104	5	6	1	0.002
PRC104	6	7	1	0.001
PRC104	7	8	1	0.002
PRC104	8	9	1	0.003
PRC104	9	10	1	0.003
PRC104	10	11	1	0.002
PRC104	11	12	1	0.004
PRC104	12	13	1	0.003
PRC104	13	14	1	0.004
PRC104	14	15	1	0.006
PRC104	15	16	1	0.019
PRC104	16	17	1	0.383
PRC104	17	18	1	0.073
PRC104	18	19	1	0.771
PRC104	19	20	1	0.039
PRC104	20	21	1	0.151
PRC104	21	22	1	0.224
PRC104	22	23	1	0.037
PRC104	23	24	1	0.096
PRC104	24	25	1	0.152
PRC104	25	26	1	0.205
PRC104	26	27	1	0.078
PRC104	27	28	1	0.079
PRC104	28	29	1	1.04
PRC104	29	30	1	0.695
PRC104	30	31	1	11.9
PRC104	31	32	1	5.65
PRC104	32	33	1	3.8
PRC104	33	34	1	0.45
PRC104	34	35	1	0.29

PRC062	82	83	1	0.04
PRC062	83	84	1	0.02
PRC062	84	85	1	0.01
PRC062	85	86	1	0.01
PRC062	86	87	1	0.01
PRC062	87	88	1	0.02
PRC104	41	42	1	0.016
PRC104	42	43	1	0.054
PRC104	43	44	1	0.007
PRC104	44	45	1	0.013
PRC104	45	46	1	0.015
PRC104	46	47	1	0.004
PRC104	47	48	1	0.012
PRC104	48	49	1	0.015
PRC104	49	50	1	0.046
NB012	0	4	6	0
NB012	4	8	4	0.05
NB012	8	12	4	0.22
NB012	12	16	4	0.05
NB012	16	20	4	0.02
NB012	20	24	4	0
NB012	24	28	4	0
NB012	28	32	4	0
NB012	32	36	4	0
NB012	36	37	1	0.05
NB012	37	38	1	15.25
NB012	38	39	1	4.6
NB012	39	40	1	3.25
NB012	40	41	1	0.75
NB012	41	42	1	10.2
NB012	42	43	1	3.1
NB012	43	44	1	3.7
NB012	44	45	1	0.72
NB012	45	46	1	0.26
NB012	46	47	1	0.07
NB012	47	48	1	0.06
NB012	48	52	4	0.12
NB012	52	58	6	0.03
NB029	0	4	6	0
NB029	4	8	4	0
NB029	8	12	4	0.02
NB029	12	16	4	0.01
NB029	16	20	4	0
NB029	20	24	4	0
NB029	24	28	4	0
NB029	28	32	4	0

PRC104	35	36	1	0.045
PRC104	36	37	1	0.129
PRC104	37	38	1	0.023
PRC104	38	39	1	0.03
PRC104	39	40	1	0.02
PRC104	40	41	1	0.026
NB029	54	55	1	0.03
NB029	55	56	1	0.92
NB029	56	57	1	0.1
NB029	57	58	1	0.34
NB029	58	59	1	1.65
NB029	59	60	1	6
NB029	60	61	1	5.8
NB029	61	62	1	4
NB029	62	63	1	0.05
NB029	63	64	1	0.02
NB029	64	68	4	0
NB029	68	72	4	0.01
NB029	72	77	5	0.06
NLS004	0	3	3	0.001
NLS004	3	6	3	0.08
NLS004	6	9	3	0.001
NLS004	9	12	3	0.06
NLS004	12	15	3	0.08
NLS004	15	18	3	2.04
NLS004	18	21	3	8.29
PRC026	0	4	4	0.01
PRC026	4	8	4	0.002
PRC026	8	12	4	0.019
PRC026	12	16	4	0.04
PRC026	16	17	1	0.069
PRC026	17	18	1	0.012
PRC026	18	19	1	0.008
PRC026	19	20	1	0
PRC026	20	21	1	0.012
PRC026	21	22	1	0.238
PRC026	22	23	1	0.705
PRC026	23	24	1	0.016
PRC026	24	25	1	0.017
PRC026	25	26	1	0.008
PRC026	26	27	1	0.009
PRC026	27	28	1	0.006
PRC026	28	29	1	0
PRC026	29	30	1	0
PRC026	30	31	1	0
PRC026	31	32	1	0

NB029	32	36	4	0.14
NB029	36	40	4	0.02
NB029	40	44	4	0
NB029	44	48	4	0
NB029	48	52	4	0
NB029	52	53	1	0.15
NB029	53	54	1	0
PRC026	39	40	1	0.012
PRC026	40	41	1	0.002
PRC026	41	42	1	0.004
PRC026	42	43	1	0.002
PRC026	43	44	1	0.076
PRC026	44	45	1	0.411
PRC026	45	46	1	0.466
PRC026	46	47	1	0.764
PRC026	47	48	1	0.013
PRC026	48	49	1	4.27
PRC026	49	50	1	1.56
PRC026	50	51	1	0.142
PRC026	51	52	1	0.012
PRC026	52	53	1	0.012
PRC026	53	54	1	0.003
PRC026	54	55	1	0.006
PRC026	55	56	1	0.005
PRC026	56	57	1	0.001
PRC026	57	58	1	0.002
PRC026	58	59	1	0
PRC026	59	60	1	0.004
PRC026	60	61	1	0.001
PRC026	61	62	1	0
PRC026	62	63	1	0.001
PRC026	63	64	1	0.002
PRC026	64	65	1	0.006
PRC026	65	66	1	0
PRC026	66	67	1	0
PRC026	67	68	1	0
PRC026	68	69	1	0.015
PRC026	69	70	1	0.003
PRC026	70	71	1	0.001
PRC026	71	72	1	0.004
PRC026	72	73	1	0.481
PRC026	73	74	1	0.103
PRC026	74	75	1	0.135
PRC026	75	76	1	0.06
PRC026	76	80	4	0.199
PRC026	80	84	4	1.47

PRC026	32	33	1	0.003
PRC026	33	34	1	0.011
PRC026	34	35	1	0
PRC026	35	36	1	0.003
PRC026	36	37	1	0.003
PRC026	37	38	1	0.004
PRC026	38	39	1	0.009
RRC24	5	6	1	0.02
RRC24	6	7	1	0.01
RRC24	7	8	1	0.12
RRC24	8	9	1	0.01
RRC24	9	10	1	0.02
RRC24	10	11	1	0.07
RRC24	11	12	1	0.1
RRC24	12	13	1	0.14
RRC24	13	14	1	0.14
RRC24	14	15	1	0.11
RRC24	15	16	1	6.4
RRC24	16	17	1	0.42
RRC24	17	18	1	0.42
RRC24	18	19	1	0.42
RRC24	19	20	1	0.94
RRC24	20	21	1	18
RRC24	21	22	1	13.5
RRC24	22	23	1	0.92
RRC24	23	24	1	0.46
RRC24	24	25	1	0.4
RRC24	25	26	1	0.4
RRC24	26	27	1	0.4
RRC24	27	28	1	0.4
RRC24	28	29	1	0.4
RRC24	29	30	1	0.05
RRC24	30	31	1	0.05
RRC24	31	32	1	0.05
RRC24	32	33	1	0.05
RRC24	33	34	1	0.01
RRC24	34	35	1	0.01
YPRC35	0	1	1	0.25
YPRC35	1	2	1	0.25
YPRC35	2	3	1	0.25
YPRC35	3	4	1	0.02
YPRC35	4	5	1	0.02
YPRC35	5	6	1	0.02
YPRC35	6	7	1	0.02
YPRC35	7	8	1	0.02
YPRC35	8	9	1	0.02

PRC026	84	88	4	0.01
PRC026	88	92	4	0.014
PRC026	92	94	2	0.002
RRC24	0	1	1	0
RRC24	1	2	1	0
RRC24	2	3	1	0
RRC24	3	4	1	0
RRC24	4	5	1	0.02
YPRC35	17	18	1	0.02
YPRC35	18	19	1	0.01
YPRC35	19	20	1	0
YPRC35	20	21	1	0
YPRC35	21	22	1	0
YPRC35	22	23	1	0.03
YPRC35	23	24	1	35.7
YPRC35	24	25	1	0.52
YPRC35	25	26	1	1.02
YPRC35	26	27	1	0.65
YPRC35	27	28	1	4.37
YPRC35	28	29	1	1.35
YPRC35	29	30	1	14
YPRC35	30	31	1	0.21
YPRC35	31	32	1	0.11
YPRC35	32	33	1	0.03
YPRC35	33	34	1	0.13
YPRC35	34	35	1	0.02
YPRC35	35	36	1	0.02
YPRC35	36	37	1	0
YPRC35	37	38	1	0
YPRC35	38	39	1	0.01
YPRC35	39	40	1	0
YPRC35	40	41	1	0
YPRC35	41	42	1	0
YPRC35	42	43	1	0.03
YPRC35	43	44	1	0.03
YPRC35	44	45	1	0.03
YPRC35	45	46	1	0.01
YPRC35	46	47	1	0.01
YPRC35	47	48	1	0.01
YPRC35	48	49	1	0.01
YPRC35	49	50	1	0.01
YPRC35	50	51	1	0.01
YPRC35	51	52	1	0.01
YPRC35	52	53	1	0.01
YPRC35	53	54	1	0.01
YPRC35	54	55	1	0.01

YPRC35	9	10	1	0.14
YPRC35	10	11	1	0.14
YPRC35	11	12	1	0.14
YPRC35	12	13	1	0.04
YPRC35	13	14	1	0.04
YPRC35	14	15	1	0.04
YPRC35	15	16	1	0.02
YPRC35	16	17	1	0.02
BBRC06	12	15	3	0.2
BBRC06	15	18	3	0.09
BBRC06	18	21	3	0.27
BBRC06	21	24	3	1.85
BBRC06	24	27	3	0.7
BBRC06	27	30	3	0.19
BBRC06	30	33	3	0.11
BBRC06	33	36	3	0.19
BBRC06	36	40	4	0.03
PRC051	0	4	4	0.03
PRC051	4	8	4	0.05
PRC051	8	12	4	0.04
PRC051	12	16	4	0.17
PRC051	16	20	4	0.47
PRC051	20	24	4	0.09
PRC051	24	28	4	0.08
PRC051	28	32	4	0.09
PRC051	32	33	1	0.04
PRC051	33	34	1	0.02
PRC051	34	35	1	0.02
PRC051	35	36	1	0.01
PRC051	36	37	1	0.02
PRC051	37	38	1	0.08
PRC051	38	39	1	0.01
PRC051	39	40	1	0.03
PRC051	40	41	1	0.02
PRC051	41	42	1	0.29
PRC051	42	43	1	1.9
PRC051	43	44	1	0.19
PRC051	44	45	1	0.1
PRC051	45	46	1	0.21
PRC051	46	47	1	0.07
PRC051	47	48	1	0.06
PRC051	48	49	1	0.07
PRC051	49	50	1	0.03
PRC051	50	51	1	0.04
PRC051	51	52	1	0.23
PRC051	52	53	1	0.06

YPRC35	55	56	1	0.01
YPRC35	56	57	1	0.01
YPRC35	57	58	1	0.01
YPRC35	58	59	1	0.01
YPRC35	59	60	1	0.01
BBRC06	0	3	3	0
BBRC06	3	6	3	0.37
BBRC06	6	9	3	0.11
BBRC06	9	12	3	0.05
PRC051	62	63	1	0.08
PRC051	63	64	1	0.1
PRC051	64	65	1	0.1
PRC051	65	66	1	0.11
PRC051	66	67	1	0.25
PRC051	67	68	1	0.17
PRC051	68	69	1	0.07
PRC051	69	70	1	0.04
PRC051	70	71	1	0.06
PRC051	71	72	1	0.15
PRC051	72	73	1	1.43
PRC051	73	74	1	0.04
PRC051	74	75	1	0.03
PRC051	75	76	1	0.19
PRC051	76	77	1	0.04
PRC051	77	78	1	0.54
PRC051	78	79	1	0.02
PRC051	79	80	1	0.02
PRC051	80	81	1	0.02
PRC051	81	82	1	12.6
PRC051	82	83	1	2.77
PRC051	83	84	1	1.69
PRC051	84	85	1	0.44
PRC051	85	86	1	0.65
PRC051	86	87	1	0.47
PRC051	87	88	1	0.34
PRC051	88	89	1	0.18
PRC051	89	90	1	0.58
PRC051	90	91	1	0.52
PRC051	91	92	1	0.67
PRC051	92	93	1	0.75
PRC051	93	94	1	0.66
PRC051	94	95	1	0.02
PRC051	95	96	1	0.009
PRC051	96	97	1	0.01
PRC051	97	98	1	0.02
PRC051	98	99	1	0.26

PRC051	53	54	1	1.21
PRC051	54	55	1	0.36
PRC051	55	56	1	0.04
PRC051	56	57	1	0.18
PRC051	57	58	1	0.06
PRC051	58	59	1	0.09
PRC051	59	60	1	0.05
PRC051	60	61	1	0.03
PRC051	61	62	1	0.09
PRC077	9	10	1	0.007
PRC077	10	11	1	0.007
PRC077	11	12	1	0.009
PRC077	12	13	1	0.008
PRC077	13	14	1	0.01
PRC077	14	15	1	0.008
PRC077	15	16	1	0.01
PRC077	16	17	1	0.009
PRC077	17	18	1	0.01
PRC077	18	19	1	0.01
PRC077	19	20	1	0.01
PRC077	20	21	1	0.006
PRC077	21	22	1	0.007
PRC077	22	23	1	0.01
PRC077	23	24	1	0.007
PRC077	24	25	1	0.04
PRC077	25	26	1	0.08
PRC077	26	27	1	0.12
PRC077	27	28	1	0.01
PRC077	28	29	1	0.01
PRC077	29	30	1	0.24
PRC077	30	31	1	0.07
PRC077	31	32	1	0.02
PRC077	32	33	1	0.01
PRC077	33	34	1	0.02
PRC077	34	35	1	0.01
PRC077	35	36	1	0.01
PRC077	36	37	1	0.01
PRC077	37	38	1	0.02
PRC077	38	39	1	0.07
PRC077	39	40	1	0.04
PRC077	40	41	1	0.02
PRC077	41	42	1	0.01
PRC077	42	43	1	0.02
PRC077	43	44	1	0.02
PRC077	44	45	1	0.02
PRC077	45	46	1	0.02

PRC051	99	100	1	0.04
PRC077	0	1	1	0.03
PRC077	1	2	1	0.02
PRC077	2	3	1	0.03
PRC077	3	4	1	0.03
PRC077	4	5	1	0.01
PRC077	5	6	1	0.01
PRC077	6	7	1	0.01
PRC077	7	8	1	0.01
PRC077	8	9	1	0.008
PRC077	56	57	1	0.1
PRC077	57	58	1	0.03
PRC077	58	59	1	0.007
PRC077	59	60	1	0.007
PRC077	60	61	1	0.05
PRC077	61	62	1	0.005
PRC077	62	63	1	0.008
PRC077	63	64	1	0.05
PRC077	64	65	1	0.16
PRC077	65	66	1	0.01
PRC077	66	67	1	0.02
PRC077	67	68	1	0.01
PRC077	68	69	1	0.006
PRC077	69	70	1	0.007
PRC077	70	71	1	0.007
PRC077	71	72	1	0.004
PRC077	72	73	1	0.007
PRC077	73	74	1	0.01
PRC077	74	75	1	0.01
PRC077	75	76	1	0.01
PRC077	76	77	1	0.01
PRC077	77	78	1	0.009
PRC077	78	79	1	0.01
PRC077	79	80	1	0.008
PRC077	80	81	1	0.006
PRC077	81	82	1	0.005
PRC077	82	83	1	0.005
PRC077	83	84	1	0.005
PRC077	84	85	1	0.006
PRC077	85	86	1	0.003
PRC077	86	87	1	0.008
PRC077	87	88	1	0.008
PRC077	88	89	1	0.01
PRC077	89	90	1	0.003
PRC077	90	91	1	0.01
PRC077	91	92	1	0.05

PRC077	46	47	1	0.05
PRC077	47	48	1	0.08
PRC077	48	49	1	0.21
PRC077	49	50	1	0.34
PRC077	50	51	1	0.36
PRC077	51	52	1	0.14
PRC077	52	53	1	0.07
PRC077	53	54	1	0.05
PRC077	54	55	1	0.17
PRC077	55	56	1	0.13
PRC077	103	104	1	0.04
PRC077	104	105	1	0.01
PRC077	105	106	1	1.09
PRC077	106	107	1	0.8
PRC077	107	108	1	0.28
PRC077	108	109	1	0.009
PRC077	109	110	1	0.01
PRC077	110	111	1	0.01
PRC077	111	112	1	0.42
PRC077	112	113	1	0.02
PRC077	113	114	1	0.01
PRC077	114	115	1	0.01
PRC077	115	116	1	0.01
PRC077	116	117	1	0.005
PRC077	117	118	1	0.01
PRC077	118	119	1	0.07
PRC077	119	120	1	0.01
PRC077	120	121	1	0.07
PRC077	121	122	1	0.09
PRC077	122	123	1	0.07
PRC077	123	124	1	0.44
PRC077	124	125	1	6.49
PRC077	125	126	1	0.72
PRC077	126	127	1	0.33
PRC077	127	128	1	1.01
PRC077	128	129	1	0.96
PRC077	129	130	1	0.71
PRC077	130	131	1	0.35
PRC077	131	132	1	0.29
PRC077	132	133	1	0.63
PRC077	133	134	1	0.41
PRC077	134	135	1	0.19
PRC077	135	136	1	0.14
PRC077	136	137	1	0.38
PRC077	137	138	1	1.05
PRC077	138	139	1	2.9

PRC077	92	93	1	0.51
PRC077	93	94	1	0.16
PRC077	94	95	1	0.38
PRC077	95	96	1	0.04
PRC077	96	97	1	0.03
PRC077	97	98	1	0.01
PRC077	98	99	1	0.02
PRC077	99	100	1	0.1
PRC077	100	101	1	0.23
PRC077	101	102	1	0.05
PRC077	102	103	1	0.03
PRC077	150	151	1	0.12
PRC077	151	152	1	0.18
PRC077	152	153	1	1.04
PRC077	153	154	1	1.49
PRC077	154	155	1	1.81
PRC077	155	156	1	0.63
PRC077	156	157	1	0.14
PRC077	157	158	1	6.64
PRC077	158	159	1	0.97
PRC077	159	160	1	1.17
PRC077	160	161	1	0.7
PRC077	161	162	1	0.49
MVRC011	0	4	4	0.02
MVRC011	4	8	4	0.01
MVRC011	8	12	4	0
MVRC011	12	16	4	0
MVRC011	16	20	4	0
MVRC011	20	24	4	0
MVRC011	24	28	4	0
MVRC011	28	32	4	0.01
MVRC011	32	36	4	0.01
MVRC011	36	40	4	0
MVRC011	40	44	4	0.01
MVRC011	44	48	4	0.02
MVRC011	48	50	2	0.01
MVRC011	50	52	2	0.03
MVRC011	52	54	2	0.04
MVRC011	54	56	2	0.05
MVRC011	56	58	2	0.08
MVRC011	58	60	2	0.11
MVRC011	60	62	2	0.07
MVRC011	62	64	2	0.02
MVRC011	64	66	2	0.1
MVRC011	66	68	2	0.13
MVRC011	68	70	2	0.12

PRC077	139	140	1	0.22
PRC077	140	141	1	0.13
PRC077	141	142	1	0.08
PRC077	142	143	1	0.18
PRC077	143	144	1	0.35
PRC077	144	145	1	0.28
PRC077	145	146	1	0.87
PRC077	146	147	1	0.68
PRC077	147	148	1	0.11
PRC077	148	149	1	0.15
PRC077	149	150	1	0.24
MVRC011	94	96	2	0.02
MVRC011	96	98	2	0.01
MVRC011	98	100	2	0.02
MVRC011	100	102	2	0.02
MVRC011	102	104	2	0.06
MVRC011	104	106	2	0.05
MVRC011	106	108	2	0.04
MVRC011	108	110	2	0.02
MVRC011	110	112	2	0.06
MVRC011	112	114	2	0.02
MVRC011	114	116	2	0.03
MVRC011	116	118	2	0.15
MVRC011	118	119	1	0.67
MVRC011	119	120	1	0.2
MVRC011	120	121	1	0.6
MVRC011	121	122	1	0.76
MVRC011	122	124	2	0.38
MVRC011	124	126	2	0.05
MVRC011	126	128	2	0.09
MVRC011	128	130	2	0.06
MVRC011	130	132	2	0.17
MVRC011	132	134	2	0.04
MVRC011	134	136	2	0.43
MVRC011	136	138	2	0.12
MVRC011	138	140	2	0.13
MVRC011	140	142	2	0.08
MVRC011	142	144	2	0.25
MVRC011	144	146	2	0.14
MVRC011	146	148	2	0.35
MVRC011	148	149	1	5
MVRC011	149	150	1	24.57
MVRC011	150	151	1	0.11
MVRC011	151	152	1	0.06
MVRC011	152	153	1	0.07
MVRC011	153	154	1	0.18

MVRC011	70	72	2	0.06
MVRC011	72	74	2	0.04
MVRC011	74	76	2	0.04
MVRC011	76	78	2	0.19
MVRC011	78	80	2	0.05
MVRC011	80	82	2	0.01
MVRC011	82	84	2	0.01
MVRC011	84	86	2	0.06
MVRC011	86	88	2	0.03
MVRC011	88	90	2	0.04
MVRC011	90	92	2	0.02
MVRC011	92	94	2	0.02
MVRC011	166	167	1	0.12
MVRC011	167	168	1	0.17
MVRC011	168	169	1	0.09
MVRC011	169	170	1	0.08
MVRC011	170	171	1	0.6
MVRC011	171	172	1	0.38
MVRC011	172	173	1	0.04
MVRC011	173	174	1	0.06
MVRC011	174	175	1	0.02
MVRC011	175	176	1	0.06
MVRC011	176	177	1	0.05
MVRC011	177	178	1	0.07
MVRC011	178	179	1	0.04
MVRC011	179	180	1	0.06
MVRC011	180	181	1	0.12
MVRC011	181	182	1	0
MVRC011	182	183	1	0.01
MVRC011	183	184	1	0
MVRC011	184	185	1	0.17
MVRC011	185	186	1	0.02
MVRC011	186	187	1	0.01
MVRC011	187	188	1	0
MVRC011	188	189	1	0
MVRC011	189	190	1	0.01
MVRC011	190	191	1	0
MVRC011	191	192	1	0.01
MVRC011	192	193	1	0.03
MVRC011	193	194	1	0.06
MVRC011	194	195	1	0.05
MVRC011	195	196	1	0.09
MVRC011	196	197	1	0.36
MVRC011	197	198	1	0.29
MVRC011	198	199	1	0.2
MVRC011	199	200	1	0.41

MVRC011	154	155	1	0.07
MVRC011	155	156	1	0.07
MVRC011	156	157	1	0.1
MVRC011	157	158	1	0.31
MVRC011	158	159	1	0.04
MVRC011	159	160	1	0.08
MVRC011	160	161	1	0.04
MVRC011	161	162	1	0.04
MVRC011	162	163	1	0.08
MVRC011	163	164	1	0.13
MVRC011	164	165	1	0.07
MVRC011	165	166	1	0.13
ENRC002	9	10	1	0.01
ENRC002	10	11	1	0.01
ENRC002	11	12	1	0.01
ENRC002	12	13	1	0.01
ENRC002	13	14	1	0.01
ENRC002	14	15	1	0.01
ENRC002	15	16	1	0.01
ENRC002	16	17	1	0.01
ENRC002	17	18	1	0.01
ENRC002	18	19	1	0.01
ENRC002	19	20	1	0.01
ENRC002	20	21	1	0.01
ENRC002	21	22	1	0.01
ENRC002	22	23	1	0.01
ENRC002	23	24	1	0.01
ENRC002	24	25	1	0.01
ENRC002	25	26	1	0.01
ENRC002	26	27	1	0.01
ENRC002	27	28	1	0.01
ENRC002	28	29	1	0.01
ENRC002	29	30	1	0.01
ENRC002	30	31	1	0.01
ENRC002	31	32	1	0.01
ENRC002	32	33	1	0.01
ENRC002	33	34	1	0.01
ENRC002	34	35	1	0.01
ENRC002	35	36	1	0.01
ENRC002	36	37	1	0.01
ENRC002	37	38	1	0.01
ENRC002	38	39	1	0.01
ENRC002	39	40	1	0.01
ENRC002	40	41	1	0.01
ENRC002	41	42	1	0.04
ENRC002	42	43	1	0.06

MVRC011	200	201	1	0.08
MVRC011	201	202	1	0.02
MVRC011	202	203	1	0.04
MVRC011	203	204	1	0.12
ENRC002	0	1	1	0.01
ENRC002	1	2	1	0.01
ENRC002	2	3	1	0.01
ENRC002	3	4	1	0.01
ENRC002	4	5	1	0.01
ENRC002	5	6	1	0.01
ENRC002	6	7	1	0.01
ENRC002	7	8	1	0.01
ENRC002	8	9	1	0.01
ENRC002	56	57	1	0.03
ENRC002	57	58	1	0.03
ENRC002	58	59	1	0.04
ENRC002	59	60	1	0.03
ENRC005	0	1	1	0.01
ENRC005	1	2	1	0.01
ENRC005	2	3	1	0.01
ENRC005	3	4	1	0.01
ENRC005	4	5	1	0.01
ENRC005	5	6	1	0.01
ENRC005	6	7	1	0.01
ENRC005	7	8	1	0.01
ENRC005	8	9	1	0.01
ENRC005	9	10	1	0.01
ENRC005	10	11	1	0.01
ENRC005	11	12	1	0.01
ENRC005	12	13	1	0.01
ENRC005	13	14	1	0.01
ENRC005	14	15	1	0.01
ENRC005	15	16	1	0.01
ENRC005	16	17	1	0.01
ENRC005	17	18	1	0.01
ENRC005	18	19	1	0.01
ENRC005	19	20	1	0.01
ENRC005	20	21	1	0.01
ENRC005	21	22	1	0.01
ENRC005	22	23	1	0.01
ENRC005	23	24	1	0.02
ENRC005	24	25	1	0.04
ENRC005	25	26	1	0.09
ENRC005	26	27	1	0.06
ENRC005	27	28	1	0.15
ENRC005	28	29	1	0.16

ENRC002	43	44	1	0.08
ENRC002	44	45	1	0.99
ENRC002	45	46	1	18.2
ENRC002	46	47	1	17.54
ENRC002	47	48	1	0.46
ENRC002	48	49	1	0.29
ENRC002	49	50	1	0.25
ENRC002	50	51	1	1.08
ENRC002	51	52	1	1.78
ENRC002	52	53	1	0.16
ENRC002	53	54	1	0.26
ENRC002	54	55	1	0.15
ENRC002	55	56	1	0.02
ENRC005	43	44	1	0.08
ENRC005	44	45	1	0.4
ENRC005	45	46	1	6.63
ENRC005	46	47	1	0.96
ENRC005	47	48	1	1.31
ENRC005	48	49	1	0.31
ENRC005	49	50	1	0.08
ENRC005	50	51	1	0.07
ENRC005	51	52	1	0.01
ENRC005	52	53	1	0.02
ENRC005	53	54	1	0.02
ENRC005	54	55	1	0.02
ENRC005	55	56	1	0.02
ENRC005	56	57	1	0.02
ENRC005	57	58	1	0.02
ENRC005	58	59	1	0.02
ENRC005	59	60	1	0.01
ENRC005	60	61	1	0.01
ENRC005	61	62	1	0.01
ENRC005	62	63	1	0.01
ENRC005	63	64	1	0.01
ENRC005	64	65	1	0.01
ENRC005	65	66	1	0.01
ENRC005	66	67	1	0.03
ENRC005	67	68	1	0.01
ENRC005	68	69	1	0.03
ENRC005	69	70	1	0.07
ENRC005	70	71	1	0.06
ENRC005	71	72	1	0.04
ENRC005	72	73	1	0.04
ENRC005	73	74	1	0.07
ENRC005	74	75	1	0.03
ENRC005	75	76	1	0.02

ENRC005	29	30	1	0.13
ENRC005	30	31	1	0.13
ENRC005	31	32	1	0.05
ENRC005	32	33	1	0.05
ENRC005	33	34	1	0.03
ENRC005	34	35	1	0.05
ENRC005	35	36	1	0.04
ENRC005	36	37	1	0.06
ENRC005	37	38	1	0.06
ENRC005	38	39	1	0.04
ENRC005	39	40	1	0.11
ENRC005	40	41	1	0.1
ENRC005	41	42	1	0.02
ENRC005	42	43	1	0.01
ENRC005	90	91	1	0.07
ENRC005	91	92	1	0.07
ENRC005	92	93	1	0.07
ENRC005	93	94	1	0.03
ENRC005	94	95	1	0.03
ENRC005	95	96	1	0.04
ENRC005	96	97	1	0.03
ENRC005	97	98	1	0.02
ENRC005	98	99	1	0.03
ENRC005	99	100	1	0.02
ENRC005	100	101	1	0.03
ENRC005	101	102	1	0.02
ENRC005	102	103	1	0.02
ENRC005	103	104	1	0.04
ENRC005	104	105	1	0.08
ENRC005	105	106	1	0.08
ENRC005	106	107	1	0.06
ENRC005	107	108	1	0.11
ENRC005	108	109	1	0.06
ENRC011	0	1	1	0.01
ENRC011	1	2	1	0.1
ENRC011	2	3	1	0.1
ENRC011	3	4	1	0.08
ENRC011	4	5	1	0.03
ENRC011	5	6	1	0.01
ENRC011	6	7	1	0.08
ENRC011	7	8	1	0.02
ENRC011	8	9	1	0.01
ENRC011	9	10	1	0.01
ENRC011	10	11	1	0.01
ENRC011	11	12	1	0.01
ENRC011	12	13	1	0.01

ENRC005	76	77	1	0.02
ENRC005	77	78	1	0.01
ENRC005	78	79	1	0.02
ENRC005	79	80	1	0.01
ENRC005	80	81	1	0.02
ENRC005	81	82	1	0.02
ENRC005	82	83	1	0.06
ENRC005	83	84	1	0.02
ENRC005	84	85	1	0.02
ENRC005	85	86	1	0.05
ENRC005	86	87	1	0.12
ENRC005	87	88	1	0.1
ENRC005	88	89	1	0.12
ENRC005	89	90	1	0.07
ENRC011	28	29	1	0.76
ENRC011	29	30	1	3.38
ENRC011	30	31	1	0.77
ENRC011	31	32	1	9.49
ENRC011	32	33	1	0.65
ENRC011	33	34	1	0.42
ENRC011	34	35	1	0.79
ENRC011	35	36	1	0.18
ENRC011	36	37	1	0.91
ENRC011	37	38	1	0.14
ENRC011	38	39	1	0.21
ENRC011	39	40	1	0.25
ENRC011	40	41	1	0.34
ENRC011	41	42	1	0.59
ENRC011	42	43	1	0.01
ENRC011	43	44	1	0.06
ENRC011	44	45	1	0.22
ENRC011	45	46	1	0.15
ENRC011	46	47	1	0.1
ENRC011	47	48	1	0.03
ENRC011	48	49	1	0.05
ENRC011	49	50	1	0.14
ENRC011	50	51	1	0.09
ENRC011	51	52	1	0.11
ENRC011	52	53	1	0.11
ENRC011	53	54	1	0.01
ENRC011	54	55	1	0.36
ENRC011	55	56	1	0.04
ENRC011	56	57	1	0.04
ENRC011	57	58	1	0.01
ENRC011	58	59	1	0.01
ENRC011	59	60	1	0.01

ENRC011	13	14	1	0.01
ENRC011	14	15	1	0.01
ENRC011	15	16	1	0.01
ENRC011	16	17	1	0.02
ENRC011	17	18	1	0.01
ENRC011	18	19	1	0.01
ENRC011	19	20	1	0.01
ENRC011	20	21	1	0.01
ENRC011	21	22	1	0.01
ENRC011	22	23	1	0.02
ENRC011	23	24	1	0.07
ENRC011	24	25	1	0.22
ENRC011	25	26	1	0.04
ENRC011	26	27	1	0.13
ENRC011	27	28	1	0.77
ENRC011	75	76	1	0.08
ENRC011	76	77	1	0.01
ENRC011	77	78	1	0.04
ENRC011	78	79	1	0.02
ENRC011	79	80	1	0.02
ENRC011	80	81	1	0.01
ENRC011	81	82	1	0.06
ENRC011	82	83	1	0.03
ENRC011	83	84	1	0.02
ENRC011	84	85	1	0.03
ENRC011	85	86	1	0.02
ENRC011	86	87	1	0.01
ENRC011	87	88	1	0.01
ENRC011	88	89	1	0.01
ENRC011	89	90	1	0.01
ENRC011	90	91	1	0.14

ENRC011	60	61	1	0.01
ENRC011	61	62	1	0.02
ENRC011	62	63	1	0.03
ENRC011	63	64	1	0.01
ENRC011	64	65	1	0.03
ENRC011	65	66	1	0.01
ENRC011	66	67	1	0.01
ENRC011	67	68	1	0.01
ENRC011	68	69	1	0.01
ENRC011	69	70	1	0.02
ENRC011	70	71	1	0.01
ENRC011	71	72	1	0.01
ENRC011	72	73	1	0.01
ENRC011	73	74	1	0.03
ENRC011	74	75	1	0.11

Annexure D

Tenement Schedule

Table 1c: Summary of acquisition tenements

Tenement	Status	Grant	Expiry	Expenditure	Rent
E59/2077	Live	01/07/16	30/06/21	\$51,000	\$7,922
E59/2140	Live	22/02/16	21/02/21	\$55,500	\$8,621
E59/2230	Live	19/01/18	18/01/23	\$20,000	\$2,563
E59/2252	Live	22/05/18	21/05/23	\$34,000	\$4,692
E59/2284	Live	13/06/18	12/06/23	\$20,000	\$828
E59/2295	Live	06/07/18	05/07/23	\$47,000	\$6,486
E59/2363	Live	23/10/19	22/10/24	\$10,000	\$361
E59/2364	Live	13/09/19	12/09/24	\$45,000	\$6,210
P59/2040	Live	29/09/15	28/09/23	\$2,560	\$186
P59/2042	Live	29/09/15	28/09/23	\$2,000	\$29
P59/2138	Live	06/04/18	05/04/22	\$2,000	\$142

Notes to Tables & Images

1. g/t (grams per tonne), ppm (parts per million), ppb (parts per billion), NSI (no significant intercept)
2. All drill holes referenced in this announcement are reported in Tables 1a and 1b above.
3. Drill type; AC = Air Core, RAB = Rotary Air Blast, RC = Reverse Circulation, DD = Diamond, RC/DD = RC with Diamond Tail
4. All coordinates are in GDA94, MGA Zone 50
5. All data has been sourced from the vendors acquisition database and relevant WAMEX source.

Annexure E

JORC TABLE 1 Section 1 Sampling Techniques and Data

Criteria	JORC Code Explanation	Commentary
Sampling techniques	<i>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down-hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i>	Historical sampling criteria is unclear for pre 1998 drilling. Sampling conducted by Acacia Resources (1998-1999) and Prosperity Resources (2003-2004) relevant to the JORC 1999 Mineral Resource at Melville indicates that samples were passed through a 75:25 riffle splitter from the cyclone and collected in numbered and ticketed 1m calico bags. Any composite samples were taken on site by hand using the primary calico sample bags or spoil piles with a scoop/spear.
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	All co-ordinates are in UTM grid (GDA Zone 50). Any historical drill holes in the acquisition dataset were transformed to this grid for resource and interpretation purposes. It is understood that all surface drill hole collars have been surveyed using a handheld GPS with industry standard accuracy ($\pm 5\text{m}$) and resource holes professionally surveyed to an accuracy of $\pm 1\text{m}$.
	<i>Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</i>	All historical sampling protocols are still under review. The Melville JORC 1999 Independent Resource report indicates that the drill samples from Prosperity Resources were sent to Ultratrace Analytical Laboratories in Canning Vale and analysed for Au via Fire Assay to an accuracy of 0.05ppb Au. Acacia Resources (WAMEX A60315) indicates that drill samples were collected at 2m composites or 1m intervals and submitted to Analabs in Perth for gold analysis using Fire Assay. Sample preparation involved drying and milling to 85% passing 75 μm . An analytical pulp of 300g was sub-sampled from the bulk and the left-over residue kept for reference. A 50g sub-sample of the pulp was then fused in a lead collection fire assay. The left-over prill was dissolved in aqua regia acid and the solution analysed using Atomic Absorption Spectroscopy (AAS) to quantify the gold with an accuracy of 0.01ppm Au. Blanks and Analytical Standards were submitted internally for quality assurance and control.

Drilling techniques	<i>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i>	Prosperity Resources RC drilling was completed from 2003 – 2004 using two independent drilling contractors. DrillCorp & McKay Drilling used a UDL rig with a 5.5" face sampling hammer. No additional historical drill rig details have been found. Historical RAB, AC, RC and DD drilling has been undertaken by several companies over a period of 30 years.
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	Historical explorers used a combination of handwritten and electronic logs relating to core and chip sample recoveries.
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	Historical sampling recovery is unclear for the drilling undertaken by Acacia and Prosperity Resources.
	<i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>	No significant sample loss or bias has been found in historical exploration reports.
Logging	<i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i>	All historical lithology, alteration and structural observations have been stored in the Firefly Resources central database as a part of the due diligence process.
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	Lithology, structure, alteration, mineralisation, weathering, colour, and any other important features of drill chips were logged historically on a 1m basis or in specific intervals for diamond core.
	<i>The total length and percentage of the relevant intersections logged.</i>	All historical drill holes were logged in full on completion.
Subsampling techniques and sample preparation	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	These historical details are not yet known however they continue to be reviewed.
	<i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	These historical details are not yet known however they continue to be reviewed.
	<i>For all sample types, the nature, quality, and appropriateness of the sample preparation technique.</i>	Historical (1998-2004) drill sample preparation and precious metal analysis was undertaken by registered laboratories (Ultratrace and Analabs). Sample preparation was done by dry pulverisation to 85% passing 75µm.
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	QA/QC procedures are unclear for historical exploration drilling.

	<i>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.</i>	QA/QC procedures are unclear for historical exploration drilling.
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	Historical sample sizes were considered appropriate to the grain size of sample material and gave an accurate indication of gold mineralisation that was able to be used for JORC 1999 resource estimation purposes. Samples were collected from the full widths of intervals to ensure representativity of the sample lithology.
Quality of assay data and laboratory tests	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	Composite RC samples and 1m cyclone split analysis was undertaken by Ultratrace & Analabs in Perth during exploration from 1998-2004. Internal certified laboratory QA/QC was ensured by including check samples, blanks, and internal standards by the registered laboratories. The methodology used at Melville by historical explorers is considered appropriate for gold mineralisation at the exploration and resource phase.
	<i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i>	No geophysical tools were used to estimate mineral or element percentages.
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	These historical details are not yet known however they continue to be reviewed.
	<i>The use of twinned holes.</i>	These historical details are not yet known however they continue to be reviewed.
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	Historical geological logging was undertaken at 1m intervals for RC drilling with lithology, colour, structure, and alteration recorded for each interval.

	<i>Discuss any adjustment to assay data.</i>	No adjustments or calibrations are made to any assay data reported.
<i>Location of data points</i>	<i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i>	All maps and location data are in UTM grid (GDA 94 Zone 50) and historical drill hole collars have been surveyed or measured by hand-held GPS with an accuracy of $\pm 5\text{m}$.
	<i>Specification of the grid system used.</i>	All historical drill hole and sample co-ordinates have been normalised in the database to UTM grid (GDA94 Zone 50). Transformations were conducted from local grids where necessary for historical data sets.
	<i>Quality and adequacy of topographic control.</i>	At Melville historical drill hole collars and RL's were surveyed by qualified surveyors in most instances in the resource areas post drilling.
<i>Data spacing and distribution</i>	<i>Data spacing for reporting of Exploration Results.</i>	Historical exploration consists of variable drill hole spacing and is considered to have adequately tested targets that were generated from geochemical, geophysical, and geological data sets. At Melville, a general grid of 20m drill spacings on 10-25m spaced lines was completed over multiple drill campaigns.
	<i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i>	There is a JORC 1999 Mineral Resource at Melville defined by Prosperity Resources and reported to the ASX in 2004 above a cut-off grade of 1.0g/t Au. The indicated category contains 1,251,400 tonnes at a grade of 1.83g/t for a total of 75,377 oz Au. The inferred category contains 692,900 tonnes at a grade of 1.87g/t for a total of 41,740 oz Au. The relevant document is publicly available via the WAMEX database as report A74013.
	<i>Whether sample compositing has been applied.</i>	Sample compositing was completed by historical explorers on a case by case basis varying between 2-4 m. Most of this was done in the shallow oxide material while any other composites at depth were taken as a function of mineralisation potential. The majority of drill hole sampling was undertaken on a non-composite 1m basis due to the mineralisation setting at Melville comprising a surface oxide enriched zone and bedrock mineralisation at depth. All future exploration drilling at Melville is planned to be conducted on a 100% non-composite basis to facilitate assay data efficiency (eliminate field re-sampling), reliable

		mineralisation control interpretations and high confidence in resource estimations.
<i>Orientation of data in relation to geological structure</i>	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	Most historical drill holes at the Melville deposit were drilled at a dip of -60 degrees and an azimuth of 090. The mineralisation is interpreted to dip between 45-60 degrees and striking NNW. The true width of historical intercepts is interpreted to be >75% of the drill intersection width.
	<i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i>	No orientation-based sampling bias is known at this time.
<i>Sample security</i>	<i>The measures taken to ensure sample security.</i>	These historical details are not known.
<i>Audits or reviews</i>	<i>The results of any audits or reviews of sampling techniques and data.</i>	The JORC 1999 Melville resource has been externally reviewed by Entech Mining Consultants as a part of the Firefly Resources acquisition due diligence. Entech outlined that independent validation of the block model and review of volume delineation and grade estimation identified no fatal flaws with respect to the Mineral Resource Estimate (MRE) at the Melville Deposit.

JORC TABLE 1

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The Melville gold deposit is located on E59/2077. The Yalgoo project tenements consist of 11 licences. The tenements are subject to standard Native Title heritage agreements and state royalties. Third party royalties are present on some individual tenements. The Lady Lydia/Brilliant, Don Bradman and Prince George prospects are located on tenements E59/2077 and E59/2140. The Enchanted prospect is located on E59/2230.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Historical drilling, surface sampling, soil sampling and geophysical surveys have been undertaken in different areas within the tenements intermittently by multiple third parties over a period of ~30 years.
Geology	Deposit type, geological setting, and style of mineralisation.	Geology comprises typical Archaean greenstone belt lithologies and granitic intrusions. The main style of mineralisation present is Yilgarn Archaean lode gold. Currently identified rock type hosts include: Oxide Laterite/Clay, Banded Iron Formation, Quartz Feldspar Porphyry and Amphibolite/Basalt.
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole or down hole length and interception depth hole length.	All exploration drill holes with significant historical intercepts referenced in this announcement have been listed in table 1a. All relevant historical drill hole information has previously been reported by Chevron Exploration, Johnson's Well Mining NL, Roebuck Resources NL, Acacia Resources, Prosperity Resources, and various other companies over the years. It is publicly available in the Department of Mines and Petroleum's WAMEX open file database.
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.	Not applicable to this announcement.

	Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	Not applicable to this announcement.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	Not applicable to this announcement.
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill-hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	True widths are not confirmed however drilling is planned perpendicular to interpreted targets.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Drill collar locations are in table 1a of the release.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	A complete down hole assay suite of the historical drill holes referenced in this announcement has been included, see table 1b. All down hole grades have been shown.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	Other exploration data collected is not considered material to this announcement at this stage. Further data collection will be reviewed and reported when considered material.
Further work	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step out drilling).	Further exploration is being planned by Firefly Resources using the acquisition database. Initial exploration will include infill and grade control drilling at Melville to increase the historical resource ounces and

		assist with the conversion to a maiden JORC 2012 compliant resource.
	<i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	Refer to figures in the body of this announcement.

--ENDS--